

〉 接近传感器选型样册

Proximity sensor selection contributes presents



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展望未来
Team Spirit

南京凯基特电气有限公司是一家专业生产传感器、电子电器研发的高科技企业。致力于产品的开发、生产、销售，产品广泛应用于电力、电子、石化、冶金、钢铁、航空、汽车、食品、医疗、纺织等诸多行业。

我们秉承“品质、专业、诚信”的经营理念，继续实践“严谨，团结，创新”的企业精神，进一步依靠科技，不断开拓，不断创新，创一流产品。

质量赢得市场，诚信铸就品牌 质量在我心中，用户在我手中。

目录

通用型电感式接近传感器 • •	001 - 036	高温/低温接近传感器 • • •	082 - 095
电容式接近传感器 • • • • •	037 - 067	模拟量输出接近传感器 • •	096 - 108
环形接近传感器 • • • • •	068 - 071	耐高压型接近传感器 • • •	109—112
防爆型传感器 • • • • • •	072 - 077	全金属封装接近传感器 • •	113—132
耐腐蚀接近传感器 • • • • •	078 - 081		



营业执照



接近开关防爆证



2015年参展AMB中国(南京)国际金属加工展览会



南京市委书记、市长参观我公司无线产品发布



行程开关防爆证



本安隔离栅防爆证



光电开关RoHS认证



光电开关CE认证



2016年参展第十八届中国国际工业博览会



美国电气公司CEO John 参观公司工厂



接近开关RoHS认证



接近开关CE认证

接近传感器编码规则

Selection Guide For Proximity Sensors

1	2	3	4		5	6	7	8		9	10	11	12
K	J	1	03	—	D	06	N	A	—	D	2	18	120

1 SENSOR TYPE 传感器类型

K: Inductive 电感式
L: Capacitive 电容式

2 MOUNTING: 安装方式

J:Shielded 齐平式 T:Unshielded非齐平式

3 MATERIAL:产品类型及材料

1:Nickel plated brass 黄铜镀镍 2:Stainless steel不锈钢 3:Full matel Housing 全金属
4:ABS/PC 工程塑料 5:High temperature 耐高温材料 6: High pressure 耐高压材料 7:耐低温材料8: 耐腐蚀

4 DIAMETER:外壳尺寸

03: 3mm 04: 4mm 05 : 5mm 6. 5 : 6.5mm 8: 8mm 12:12mm ...

5 SHAPE:外壳形状

D: Cylindrical thread 圆柱螺纹管 W:Cylindrical smooth body 圆柱光杆式 H:Ring 环形
F:Square 方形 Z: Special shape 特殊外型

6 SENSING D :检测距离

0.6 : 0.6mm 0.8mm 01: 1mm 0 2 : 2mm ...

7 OUTPUT:输出形态

N: NPN P: PNP D: DC直流 A:AC交流 U:AC/DC交直流通用 F:Analog 模拟量
BA: Namur本安防爆

8 OUTPUT STATE:输出模式

A:NO常开 B:NC常闭 C:NO+NC 常开+常闭 D:Current电流
E:Voltage电压 F:Current + Voltage电流+电压

9 OPERATING VOLTAGE:工作电压

D:10-36VDC J:20-250VAC DA:20-250VAC/VDC
R:8. 2VDC (Namur本安防爆) L:10-60VDC(2 wire)

10 CONNECTION:连接方式（标准2米线）

2:2 Wire（2线PVC 2M） 3:3 Wire(3线PVC 2M) 4:4 Wire（4线PVC 2M 5:5Wire（5线PVC 2M
S8: M8 connector（M8接插件） S12: M12 connector（M12接插件）
PS8: Pig tail type（猪尾巴M8接插件） PS12:Pig tail type（猪尾巴M12接插件）

11 ULTRA SHORT LENGTH: 超短型产品长度

18:18mm 22:22mm 30: 30mm

12 TEMPERATURE RANGE:温度范围

120:120℃ 150:150℃

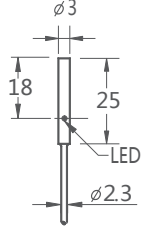
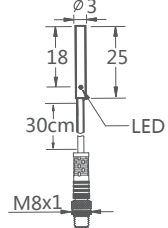
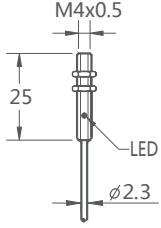
Universal Type Inductive Proximity Sensor

通用型电感式接近传感器

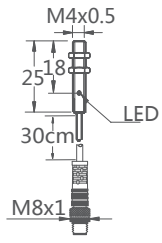
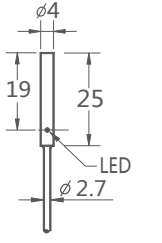
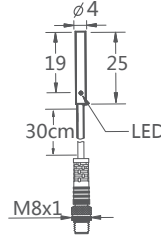
在所有的自动化流程中，传感器是将信息传送给PLC的先决条件。它们传递关于位置的必要信号，或作为脉冲发生器用于计数任务或用于检测转动速度。在当今的工业领域应用中，电感式和电容式传感器是必不可少的。与机械接近开关相比，电感式传感器具有完美的先决条件：无接触和无磨损的工作方式及高的开关频率和开关精度。此外，它们抗震动、防止灰尘和潮湿。电感式传感器可以无接触地检测所有的金属。

工作原理

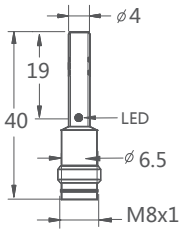
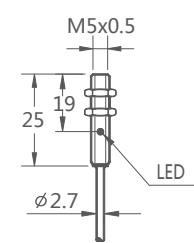
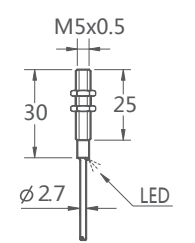
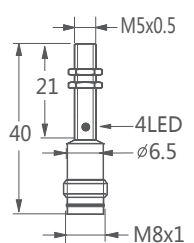
电感式接近开关属于一种有开关量输出的位置传感器，利用一个振荡电路的变化所引起的物理效应，该振荡电路通过传导材料中的涡流损耗产生。一个LC振荡回路产生一个高频电磁场，该电磁场是从传感器的感应面辐射出来。一种具有电导能力的物体进入该场，这样根据感应定律形成涡流电流，该涡流电流消除震荡电路的能量，振幅因此减小。该变化转换成开关信号，由该工作原理得出：所有的金属不论它们运动或静止都可以被检测。

Dimension 外径尺寸	Φ3	Φ3	M4
Mounting 安装方式	 Flush齐平	 Flush齐平	 Flush齐平
Product Photo 产品图片			
Sensing Distance Sn检测距离	0.6/0.8/1mm	0.6/0.8/1mm	0.6/0.8/1mm
DC 2 wire常开 (NO)			
DC 2 wire常闭 (NC)			
DC 3 wire NPN常开&常闭 (NO & NC)	KJ103-W0.6N □-D3	KJ103-W0.6N □-DPS8	KJ104-D0.6N □-D3
DC 3 wire PNP常开&常闭 (NO & NC)	KJ103-W0.6P □-D3	KJ103-W0.6P □-DPS8	KJ104-D0.6P □-D3
DC 3 wire NPN常开&常闭 (NO & NC)	KJ103-W0.8N □-D3	KJ103-W0.8N □-DPS8	KJ104-D0.8N □-D3
DC 3 wire PNP常开&常闭 (NO & NC)	KJ103-W0.8P □-D3	KJ103-W0.8P □-DPS8	KJ104-D0.8P □-D3
DC 3 wire NPN常开&常闭 (NO & NC)	KJ103-W01N □-D3	KJ103-W01N □-DPS8	KJ104-D01N □-D3
DC 3 wire PNP常开&常闭 (NO & NC)	KJ103-W01P □-D3	KJ103-W01P □-DPS8	KJ104-D01P □-D3
DC 3 wire NPN常开&常闭 (NO & NC)			
DC 3 wire PNP常开&常闭 (NO & NC)			
DC 4 wire NPN常开+常闭 (NO + NC)			
DC 4 wire PNP常开+常闭 (NO + NC)			
Machine Size Map 机械尺寸图			
Technical Data技术参数	DC 3 wire & DC 4 wire		DC 2 wire
Operating Voltage / 工作电压	10-36VDC		
Max. Ripple / 涟波	<10%		
No Load Current / 空载电流	<10m A		
Max. Load Current/ 最大负载电流	200mA		
Leakage Current / 漏电流	<0.01mA		
VoltageDrop / 电压降	<1.5V		
Switching Frequency/ 开关频率	2kHz		
Response Time / 响应时间	0.1ms / 0.1ms		
Switching Hysteresis/ 迟滞	<15%(Sr)		
Repeat Accuracy/ 重复精度	< ±1.0%(Sr)		
Protection Category / 防护等级	IP67		
Operating Temperature/ 工作温度	-25℃-+70℃		
Temperature Drift / 温度漂移	< ±10%(Sr)		
Short Circuit Protection / 短路保护	YES		
Material Active Face / 感应面材质	POM		
Led Display/ Led显示	YES		

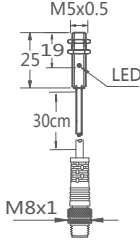
● 上述型号中的"□", 常开改为"A",常闭改为"B"

Dimension 外径尺寸	M4	Φ4	Φ4
Mounting 安装方式	 Flush齐平	 Flush齐平	 Flush齐平
Product Photo 产品图片			
Sensing Distance Sn检测距离	0.6/0.8/1mm	0.8/1/1.5mm	0.8/1/1.5mm
DC 2 wire常开 (NO)			
DC 2 wire常闭 (NC)			
DC 3 wire NPN常开&常闭 (NO & NC)	KJ104-D0.6N□-DPS8	KJ104-W0.8N□-D3	KJ104-W0.8N□-DPS8
DC 3 wire PNP常开&常闭 (NO & NC)	KJ104-D0.6P□-DPS8	KJ104-W0.8P□-D3	KJ104-W0.8P□-DPS8
DC 3 wire NPN常开&常闭 (NO & NC)	KJ104-D0.8N□-DPS8	KJ104-W01N □-D3	KJ104-W01N □-DPS8
DC 3 wire PNP常开&常闭 (NO & NC)	KJ104-D0.8P□-DPS8	KJ104-W01P □-D3	KJ104-W01P □-DPS8
DC 3 wire NPN常开&常闭 (NO & NC)	KJ104-D01N □-DPS8	KJ104-W1.5N□-D3	KJ104-W1.5N□-DPS8
DC 3 wire PNP常开&常闭 (NO & NC)	KJ104-D01P □-DPS8	KJ104-W1.5P□-D3	KJ104-W1.5P□-DPS8
DC 3 wire NPN常开&常闭 (NO & NC)			
DC 3 wire PNP常开&常闭 (NO & NC)			
DC 4 wire NPN常开+常闭 (NO + NC)			
DC 4 wire PNP常开+常闭 (NO + NC)			
Machine Size Map 机械尺寸图			
Technical Data技术参数	DC 3 wire & DC4 wire		DC 2 wire
Operating Voltage / 工作电压	10-36VDC		
Max. Ripple / 涟波	<10%		
No Load Current / 空载电流	<10mA		
Max. Load Current / 最大负载电流	200mA		
Leakge Current / 漏电流	<0.01mA		
VoltageDrop / 电压降	<1.5V		
Switching Frequency / 开关频率	2kHz		
Response Time / 响应时间	0.1ms / 0.1ms		
Switching Hysteresis / 迟滞	<15%(Sr)		
Repeat Accuracy / 重复精度	<±1.0%(Sr)		
Protection Category / 防护等级	IP67		
Operating Temperature / 工作温度	-25℃-+70℃		
Temperature Drift / 温度漂移	<±10%(Sr)		
Short Circuit Protection / 短路保护	YES		
Material Active Face / 感应面材质	POM		
Led Display / Led显示	YES		

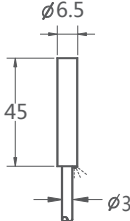
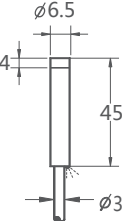
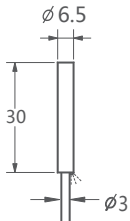
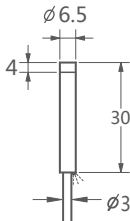
● 上述型号中的"□",常开改为"A",常闭改为"B"

Φ4	M5	M5	M5
 Flush齐平	 Flush齐平	 Flush齐平	 Flush齐平
			
0.8/1/1.5mm	0.8/1/1.5mm	0.8/1/1.5mm	0.8/1/1.5mm
KJ104-W0.8N□-DS8	KJ105-D0.8N□-D325	KJ105-D0.8N□-D3	KJ105-D0.8N□-DS8
KJ104-W0.8P□-DS8	KJ105-D0.8P□-D325	KJ105-D0.8P□-D3	KJ105-D0.8P□-DS8
KJ104-W01N □-DS8	KJ105-D01N □-D325	KJ105-D01N □-D3	KJ105-D01N □-DS8
KJ104-W01P □-DS8	KJ105-D01P □-D325	KJ105-D01P □-D3	KJ105-D01P □-DS8
KJ104-W1.5N□-DS8	KJ105-D1.5N□-D325	KJ105-D1.5N□-D3	KJ105-D1.5N□-DS8
KJ104-W1.5P□-DS8	KJ105-D1.5P□-D325	KJ105-D1.5P□-D3	KJ105-D1.5P□-DS8
			
Technical Data技术参数	DC 3 wire & DC4 wire		DC 2 wire
Operating Voltage / 工作电压	10-36VDC		
Max. Ripple / 涟波	<10%		
No Load Current / 空载电流	<10mA		
Max. Load Current / 最大负载电流	200mA		
Leakge Current / 漏电流	<0.01mA		
VoltageDrop / 电压降	<1.5V		
Switching Frequency / 开关频率	2kHz		
Response Time / 响应时间	0.1ms / 0.1ms		
Switching Hysteresis / 迟滞	<15%(Sr)		
Repeat Accuracy / 重复精度	<±1.0%(Sr)		
Protection Category / 防护等级	IP67		
Operating Temperature / 工作温度	-25℃-+70℃		
Temperature Drift / 温度漂移	<±10%(Sr)		
Short Circuit Protection / 短路保护	YES		
Material Active Face / 感应面材质	POM		
Led Display / Led显示	YES		

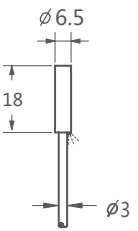
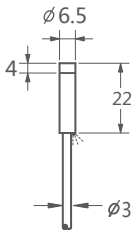
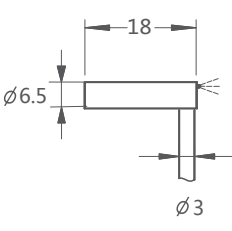
● 上述型号中的"□",常开改为"A",常闭改为"B"

Dimension 外径尺寸	M5		
Mounting 安装方式	 Flush齐平		
Product Photo 产品图片			
Sensing Distance Sn检测距离	0.8/1/1.5mm		
DC 2 wire 常开 (NO)			
DC 2 wire 常闭 (NC)			
DC 3 wire NPN常开&常闭 (NO & NC)	KJ105-D0.6N□-DPS8		
DC 3 wire PNP常开&常闭 (NO & NC)	KJ105-D0.6N□-DPS8		
DC 3 wire NPN常开&常闭 (NO & NC)	KJ105-D0.8N□-DPS8		
DC 3 wire PNP常开&常闭 (NO & NC)	KJ105-D0.8P□-DPS8		
DC 3 wire NPN常开&常闭 (NO & NC)	KJ105-D01N □-DPS8		
DC 3 wire PNP常开&常闭 (NO & NC)	KJ105-D01P □-DPS8		
DC 3 wire NPN常开&常闭 (NO & NC)			
DC 3 wire PNP常开&常闭 (NO & NC)			
DC 4 wire NPN常开+常闭 (NO + NC)			
DC 4 wire PNP常开+常闭 (NO + NC)			
Machine Size Map 机械尺寸图			
Technical Data技术参数	DC 3 wire & DC4 wire	DC 2 wire	
Operating Voltage/ 工作电压	10-36VDC		
Max. Ripple / 涟波	<10%		
No Load Current/空载电流	<10mA		
Max. Load Current/ 最大负载电流	200mA		
Leakge Current / 漏电流	<0.01mA		
VoltageDrop / 电压降	<1.5V		
Switching Frequency/ 开关频率	2KHZ		
Response Time / 响应时间	0.1ms / 0.1ms		
Switching Hysteresis / 迟滞	<15%(Sr)		
Repeat Accuracy/ 重复精度	<±1.0%(Sr)		
Protection Category / 防护等级	IP67		
Operating Temperature/ 工作温度	-25℃-+70℃		
Temperature Drift / 温度漂移	<±10%(Sr)		
Short Circuit Protection / 短路保护	YES		
Material Active Face / 感应面材质	POM		
Led Display/ Led显示	YES		

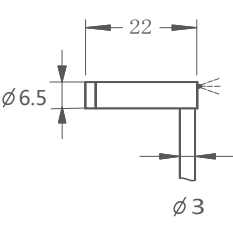
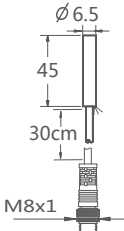
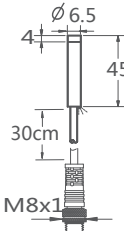
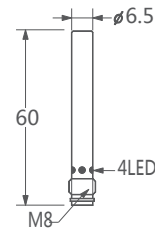
● 上述型号中的"□"，常开改为"A",常闭改为"B"

Φ6.5	Φ6.5	Φ6.5	Φ6.5
 Flush齐平	 Non-flush非齐平	 Flush齐平	 Non-flush非齐平
			
1/2/3mm	2/4/6mm	1/2/3mm	2/4/6mm
KJ16.5-W01N□-D3	KT16.5-W02N □-D3	KJ16.5-W01N□-D330	KT16.5-W02N □-D330
KJ16.5-W01P□-D3	KT16.5-W02P □-D3	KJ16.5-W01P□-D330	KT16.5-W02P □-D330
KJ16.5-W02N□-D3	KT16.5-W04N □-D3	KJ16.5-W02N□-D330	KT16.5-W04N □-D330
KJ16.5-W02P□-D3	KT16.5-W04P □-D3	KJ16.5-W02P□-D330	KT16.5-W04P □-D330
KJ16.5-W03N□-D3	KT16.5-W06N □-D3	KJ16.5-W03N□-D330	KT16.5-W06N □-D330
KJ16.5-W03P□-D3	KT16.5-W06P □-D3	KJ16.5-W03P□-D330	KT16.5-W06P □-D330
			
Technical Data技术参数	DC 3 wire & DC4 wire	DC 2 wire	
Operating Voltage / 工作电压	10-36VDC		
Max. Ripple / 涟波	<10%		
No Load Current / 空载电流	<10mA		
Max. Load Current / 最大负载电流	200mA		
Leakge Current / 漏电流	<0.01mA		
VoltageDrop / 电压降	<1.5V		
Switching Frequency / 开关频率	Flush:2KHZ ;Non-flush:1KHZ		
Response Time / 响应时间	0.1ms / 0.1ms		
Switching Hysteresis / 迟滞	<15%(Sr)		
Repeat Accuracy/ 重复精度	<±1.0%(Sr)		
Protection Category / 防护等级	IP67		
Operating Temperature/ 工作温度	-25℃-+70℃		
Temperature Drift / 温度漂移	<±10%(Sr)		
Short Circuit Protection / 短路保护	YES		
Material Active Face / 感应面材质	POM		
Led Display/ Led显示	YES		

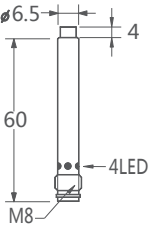
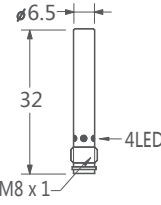
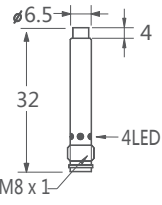
● 上述型号中的"□"，常开改为"A",常闭改为"B"

Dimension 外径尺寸	Φ6.5	Φ6.5	Φ6.5
Mounting 安装方式	 Flush齐平	 Non-flush非齐平	 Flush齐平
Product Photo 产品图片			
Sensing Distance Sn检测距离	1/2mm	2/4mm	1/2mm
DC 2 wire 常开 (NO)			
DC 2 wire 常闭 (NC)			
DC 3 wire NPN常开&常闭 (NO & NC)	KJ16.5-W01N □-D318	KT16.5-W02N □-D322	KJ16.5-W01N □-D318W
DC 3 wire PNP常开&常闭 (NO & NC)	KJ16.5-W01P □-D318	KT16.5-W02P □-D322	KJ16.5-W01P □-D318W
DC 3 wire NPN常开&常闭 (NO & NC)	KJ16.5-W02N □-D318	KT16.5-W04N □-D322	KJ16.5-W02N □-D318W
DC 3 wire PNP常开&常闭 (NO & NC)	KJ16.5-W02P □-D318	KT16.5-W04P □-D322	KJ16.5-W02P □-D318W
DC 3 wire NPN常开&常闭 (NO & NC)			
DC 3 wire PNP常开&常闭 (NO & NC)			
DC 3 wire NPN常开&常闭 (NO & NC)			
DC 3 wire PNP常开&常闭 (NO & NC)			
DC 4 wire NPN常开+常闭 (NO + NC)			
DC 4 wire PNP常开+常闭 (NO + NC)			
Machine Size Map 机械尺寸图			
Technical Data技术参数	DC 3 wire & DC4 wire		DC 2 wire
Operating Voltage / 工作电压	10-36VDC		
Max. Ripple / 涟波	<10%		
No Load Current/ 空载电流	<10m A		
Max. Load Current/ 最大负载电流	200mA		
Leakge Current / 漏电流	<0.01mA		
VoltageDrop / 电压降	<1.5V		
Switching Frequency/ 开关频率	Flush:2KHZ ;Non -flush:1KHZ		
Response Time / 响应时间	0.1ms / 0.1ms		
Switching Hysteresis/ 迟滞	<15%(Sr)		
Repeat Accuracy/ 重复精度	<±1.0%(Sr)		
Protection Category / 防护等级	IP67		
Operating Temperature/ 工作温度	-25℃-+70℃		
Temperature Drift / 温度漂移	<±10%(Sr)		
Short Circuit Protection / 短路保护	YES		
Material Active Face / 感应面材质	POM		
Led Display/ Led显示	YES		

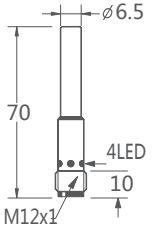
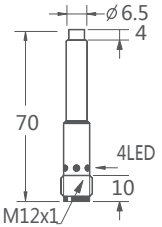
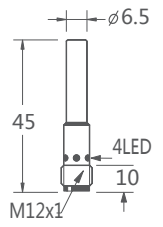
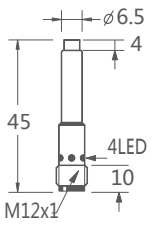
● 上述型号中的"□",常开改为"A",常闭改为"B"

Φ6.5	Φ6.5	Φ6.5	Φ6.5
 Non-flush非齐平	 Flush齐平	 Non-flush非齐平	 Flush齐平
			
2/4mm	1/2/3mm	2/4/6mm	1/2/3mm
KT16.5-W02N □-D322W	KJ16.5-W01N □-DPS8	KT16.5-W02N □-DPS8	KJ16.5-W01N □-DS8
KT16.5-W02P □-D322W	KJ16.5-W01P □-DPS8	KT16.5-W02P □-DPS8	KJ16.5-W01P □-DS8
KT16.5-W04N □-D322W	KJ16.5-W02N □-DPS8	KT16.5-W04N □-DPS8	KJ16.5-W02N □-DS8
KT16.5-W04P □-D322W	KJ16.5-W02P □-DPS8	KT16.5-W04P □-DPS8	KJ16.5-W02P □-DS8
	KJ16.5-W03N □-DPS8	KT16.5-W06N □-DPS8	KJ16.5-W03N □-DS8
	KJ16.5-W03P □-DPS8	KT16.5-W06P □-DPS8	KJ16.5-W03P □-DS8
			
Technical Data技术参数	DC 3 wire & DC4 wire		DC 2 wire
Operating Voltage / 工作电压	10-36VDC		
Max. Ripple / 涟波	<10%		
No Load Current/ 空载电流	<10mA		
Max. Load Current/ 最大负载电流	200mA		
Leakge Current / 漏电流	<0.01mA		
VoltageDrop / 电压降	<1.5V		
Switching Frequency/ 开关频率	Flush:2KHZ ;Non -flush:1KHZ		
Response Time / 响应时间	0.1ms / 0.1ms		
Switching Hysteresis/ 迟滞	<15%(Sr)		
Repeat Accuracy/ 重复精度	<±1.0%(Sr)		
Protection Category / 防护等级	IP67		
Operating Temperature/ 工作温度	-25℃-+70℃		
Temperature Drift / 温度漂移	<±10%(Sr)		
Short Circuit Protection / 短路保护	YES		
Material Active Face / 感应面材质	POM		
Led Display/ Led显示	YES		

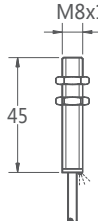
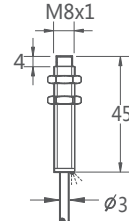
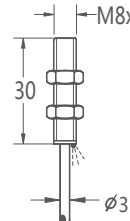
● 上述型号中的"□",常开改为"A",常闭改为"B"

Dimension 外径尺寸	Φ6.5	Φ6.5	Φ6.5
Mounting 安装方式	 Non-flush非齐平	 Flush齐平	 Non-flush非齐平
Product Photo 产品图片			
Sensing Distance Sn检测距离	2/4/6mm	1/2mm	2/4mm
DC 2 wire 常开 (NO)			
DC 2 wire 常闭 (NC)			
DC 3 wire NPN常开&常闭 (NO & NC)	KT16.5-W02N □-DS8	KJ16.5-W01N □-DS832	KT16.5-W02N □-DS832
DC 3 wire PNP常开&常闭 (NO & NC)	KT16.5-W02P □-DS8	KJ16.5-W01P □-DS832	KT16.5-W02P □-DS832
DC 3 wire NPN常开&常闭 (NO & NC)	KT16.5-W04N □-DS8	KJ16.5-W02N □-DS832	KT16.5-W04N □-DS832
DC 3 wire PNP常开&常闭 (NO & NC)	KT16.5-W04P □-DS8	KJ16.5-W02P □-DS832	KT16.5-W04P □-DS832
DC 3 wire NPN常开&常闭 (NO & NC)	KT16.5-W06N □-DS8		
DC 3 wire PNP常开&常闭 (NO & NC)	KT16.5-W06P □-DS8		
DC 3 wire NPN常开&常闭 (NO & NC)			
DC 3 wire PNP常开&常闭 (NO & NC)			
DC 4 wire NPN常开+常闭 (NO + NC)			
DC 4 wire PNP常开+常闭 (NO + NC)			
Machine Size Map 机械尺寸图			
Technical Data技术参数	DC 3 wire & DC4 wire		DC 2 wire
Operating Voltage / 工作电压	10-36VDC		
Max. Ripple / 涟波	<10%		
No Load Current/ 空载电流	<10 m A		
Max. Load Current / 最大负载电流	200mA		
Leakge Current / 漏电流	<0.01mA		
VoltageDrop / 电压降	<1.5V		
Switching Frequency / 开关频率	Flush:2KHZ ;Non -flush:1KHZ		
Response Time / 响应时间	0.1ms / 0.1ms		
Switching Hysteresis / 迟滞	<15%(Sr)		
Repeat Accuracy/ 重复精度	< ±1.0%(Sr)		
Protection Category / 防护等级	IP67		
Operating Temperature/ 工作温度	-25℃-+70℃		
Temperature Drift / 温度漂移	< ±10%(Sr)		
Short Circuit Protection / 短路保护	YES		
Material Active Face / 感应面材质	POM		
Led Display/ Led显示	YES		

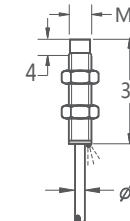
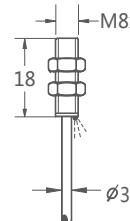
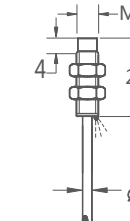
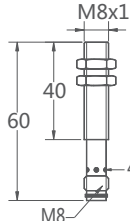
● 上述型号中的"□",常开改为"A",常闭改为"B"

Φ6.5	Φ6.5	Φ6.5	Φ6.5
 Flush齐平	 Non-flush非齐平	 Flush齐平	 Non-flush非齐平
			
1/2/3mm	2/4/6mm	1/2/3mm	2/4/6mm
KJ16.5-W01N □-DS12	KT16.5-W02N □-DS12	KJ16.5-W01N □-DS1245	KT16.5-W02N □-DS1245
KJ16.5-W01P □-DS12	KT16.5-W02P □-DS12	KJ16.5-W01P □-DS1245	KT16.5-W02P □-DS1245
KJ16.5-W02N □-DS12	KT16.5-W04N □-DS12	KJ16.5-W02N □-DS1245	KT16.5-W04N □-DS1245
KJ16.5-W02P □-DS12	KT16.5-W04P □-DS12	KJ16.5-W02P □-DS1245	KT16.5-W04P □-DS1245
KJ16.5-W03N □-DS12	KT16.5-W06N □-DS12	KJ16.5-W03N □-DS1245	KT16.5-W06N □-DS1245
KJ16.5-W03P □-DS12	KT16.5-W06P □-DS12	KJ16.5-W03P □-DS1245	KT16.5-W06P □-DS1245
			
Technical Data技术参数	DC 3 wire & DC4 wire		DC 2 wire
Operating Voltage / 工作电压	10-36VDC		
Max. Ripple / 涟波	<10%		
No Load Current/ 空载电流	<10m A		
Max. Load Current / 最大负载电流	200mA		
Leakge Current / 漏电流	<0.01mA		
VoltageDrop / 电压降	<1.5V		
Switching Frequency / 开关频率	Flush:2KHZ ;Non -flush:1KHZ		
Response Time / 响应时间	0.1ms / 0.1ms		
Switching Hysteresis / 迟滞	<15%(Sr)		
Repeat Accuracy/ 重复精度	< ±1.0%(Sr)		
Protection Category / 防护等级	IP67		
Operating Temperature/ 工作温度	-25℃-+70℃		
Temperature Drift / 温度漂移	< ±10%(Sr)		
Short Circuit Protection / 短路保护	YES		
Material Active Face / 感应面材质	POM		
Led Display/ Led显示	YES		

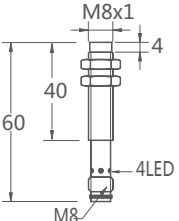
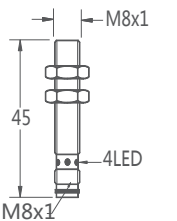
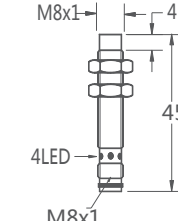
● 上述型号中的"□",常开改为"A",常闭改为"B"

Dimension 外径尺寸	M8	M8	M8
Mounting 安装方式	 Flush齐平	 Non-flush非齐平	 Flush齐平
Product Photo 产品图片			
Sensing Distance Sn检测距离	1/2/3mm	2/4/6mm	1/2 mm
DC 2 wire 常开(NO)	KJ108-D01DA-D2	KT108-D02DA-D2	
DC 2 wire 常闭(NC)	KJ108-D01DB-D2	KT108-D02DB-D2	
DC 3 wire NPN常开&常闭 (NO & NC)	KJ108-D01N □-D3	KT108-D02N □-D3	KJ108-D01N □-D330
DC 3 wire PNP常开&常闭 (NO & NC)	KJ108-D01P □-D3	KT108-D02P □-D3	KJ108-D01P □-D330
DC 3 wire NPN常开&常闭 (NO & NC)	KJ108-D02N □-D3	KT108-D04N □-D3	KJ108-D02N □-D330
DC 3 wire PNP常开&常闭 (NO & NC)	KJ108-D02P □-D3	KT108-D04P □-D3	KJ108-D02P □-D330
DC 3 wire NPN常开&常闭 (NO & NC)	KJ108-D03N □-D3	KT108-D06N □-D3	
DC 3 wire PNP常开&常闭 (NO & NC)	KJ108-D03P □-D3	KT108-D06P □-D3	
DC 3 wire NPN常开&常闭 (NO & NC)			
DC 3 wire PNP常开&常闭 (NO & NC)			
DC 4 wire NPN常开+常闭 (NO + NC)			
DC 4 wire PNP常开+常闭 (NO + NC)			
Machine Size Map 机械尺寸图			
Technical Data技术参数	DC 3 wire & DC4 wire		DC 2 wire
Operating Voltage / 工作电压	10-36VDC		10-36VDC
Max. Ripple / 涟波	<10%		<10%
No Load Current/ 空载电流	<10mA		<10mA
Max. Load Current/ 最大负载电流	200mA		200mA
Leakge Current / 漏电流	<0.01mA		<1.2mA
VoltageDrop / 电压降	<1.5V		< 8V
Switching Frequency/ 开关频率	Flush:2KHZ;Non -flush:1KHZ		1kHz
Response Time / 响应时间	0.1ms / 0.1ms		0.1ms
Switching Hysteresis/ 迟滞	<15%(Sr)		<15%(Sr)
Repeat Accuracy/ 重复精度	< ±1.0%(Sr)		< ±1.0%(Sr)
Protection Category / 防护等级	IP67		IP67
Operating Temperature/ 工作温度	-25℃-+70℃		-25℃- +70℃
Temperature Drift/ 温度漂移	< ±10%(Sr)		< ±10%(Sr)
Short Circuit Protection / 短路保护	YES		YES
Material Active Face / 感应面材质	POM		POM
Led Display/ Led显示	YES		YES

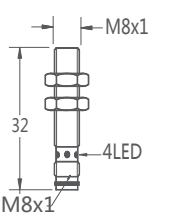
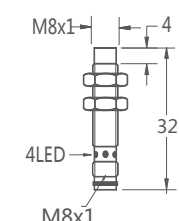
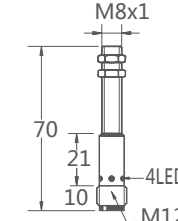
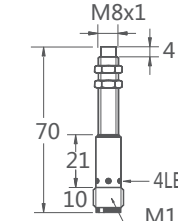
● 上述型号中的"□", 常开改为"A",常闭改为"B"

M8	M8	M8	M8
 Non-flush非齐平	 Flush齐平	 Non-flush非齐平	 Flush齐平
			
2/4mm	1/2mm	2/4mm	1/2/3mm
			KJ108-D01DA-DS8
			KJ108-D01DB-DS8
KT108-D02N □-D330	KJ108-D01N □-D318	KT108-D02N □-D322	KJ108-D01N □-DS8
KT108-D02P □-D330	KJ108-D01P □-D318	KT108-D02P □-D322	KJ108-D01P □-DS8
KT108-D04N □-D330	KJ108-D02N □-D318	KT108-D04N □-D322	KJ108-D02N □-DS8
KT108-D04P □-D330	KJ108-D02P □-D318	KT108-D04P □-D322	KJ108-D02P □-DS8
			KJ108-D03N □-DS8
			KJ108-D03P □-DS8
			
Technical Data技术参数	DC 3 wire & DC4 wire		DC 2 wire
Operating Voltage / 工作电压	10-36VDC		10-36VDC
Max. Ripple / 涟波	<10%		<10%
No Load Current/ 空载电流	<10m A		<10mA
Max. Load Current / 最大负载电流	200mA		200mA
Leakge Current / 漏电流	<0.01mA		<1.2mA
VoltageDrop / 电压降	<1.5V		< 8V
Switching Frequency/ 开关频率	Flush:2KHZ;Non -flush:1KHZ		1kHz
Response Time / 响应时间	0.1ms / 0.1ms		0.1ms
Switching Hysteresis / 迟滞	<15%(Sr)		<15%(Sr)
Repeat Accuracy/ 重复精度	< ±1.0%(Sr)		< ±1.0%(S r)
Protection Category / 防护等级	IP67		IP67
Operating Temperature/ 工作温度	-25℃-+70℃		-25℃- +70℃
Temperature Drift / 温度漂移	< ±10%(Sr)		< ±10%(Sr)
Short Circuit Protection / 短路保护	YES		YES
Material Active Face / 感应面材质	POM		POM
Led Display/ Led显示	YES		YES

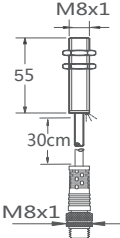
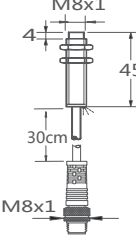
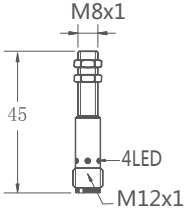
● 上述型号中的"□", 常开改为"A",常闭改为"B"

Dimension 外径尺寸	M8	M8	M8
Mounting 安装方式	 Non-flush非齐平	 Flush齐平	 Non-flush非齐平
Product Photo 产品图片			
Sensing Distance Sn检测距离	2/4/6mm	1/2/3mm	2/4/6mm
DC 2 wire常开 (NO)	KT108-D02DA-DS8		
DC 2 wire常闭 (NC)	KT108-D02DB-DS8		
DC 3 wire NPN常开&常闭 (NO & NC)	KT108-D02N □-DS8	KJ108-D01N □-DS845	KT108-D02N □-DS845
DC 3 wire PNP常开&常闭 (NO & NC)	KT108-D02P □-DS8	KJ108-D01P □-DS845	KT108-D02P □-DS845
DC 3 wire NPN常开&常闭 (NO & NC)	KT108-D04N □-DS8	KJ108-D02N □-DS845	KT108-D04N □-DS845
DC 3 wire PNP常开&常闭 (NO & NC)	KT108-D04P □-DS8	KJ108-D02P □-DS845	KT108-D04P □-DS845
DC 3 wire NPN常开&常闭 (NO & NC)	KT108-D06N □-DS8	KJ108-D03N □-DS845	KT108-D06N □-DS845
DC 3 wire PNP常开&常闭 (NO & NC)	KT108-D06P □-DS8	KJ108-D03P □-DS845	KT108-D06P □-DS845
DC 3 wire NPN常开&常闭 (NO & NC)			
DC 3 wire PNP常开&常闭 (NO & NC)			
DC 4 wire NPN常开+常闭 (NO + NC)			
DC 4 wire PNP常开+常闭 (NO + NC)			
Machine Size Map 机械尺寸图			
Technical Data技术参数	DC 3 wire & DC4 wire		DC 2 wire
Operating Voltage/ 工作电压	10-36VDC		10-36VDC
Max. Ripple / 涟波	<10%		<10%
No Load Current / 空载电流	<10mA		<10mA
Max. Load Current/ 最大负载电流	200mA		200mA
Leakge Current / 漏电流	<0.01mA		<1.2mA
VoltageDrop / 电压降	<1.5V		< 8V
Switching Frequency/ 开关频率	Flush:2KHZ;Non-flush:1KHZ		1kHz
Response Time / 响应时间	0.1ms / 0.1ms		0.1ms
Switching Hysteresis/ 迟滞	<15%(Sr)		<15%(Sr)
Repeat Accuracy/ 重复精度	<±1.0%(Sr)		<±1.0%(Sr)
Protection Category / 防护等级	IP67		IP67
Operating Temperature/ 工作温度	-25℃-+70℃		-25℃- +70℃
Temperature Drift/ 温度漂移	<±10%(Sr)		<±10%(Sr)
Short Circuit Protection/ 短路保护	YES		YES
Material Active Face/ 感应面材质	POM		POM
Led Display/ Led显示	YES		YES

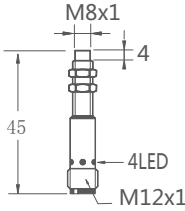
● 上述型号中的"□", 常开改为"A",常闭改为"B"

M8	M8	M8	M8
 Flush齐平	 Non-flush非齐平	 Flush齐平	 Non-flush非齐平
			
1/2mm	2/4mm	1/2/3mm	2/4/6mm
		KJ108-D01DA-DS12	KT108-D02DA-DS12
		KJ108-D01DB-DS12	KT108-D02DB-DS12
KJ108-D01N □-DS832	KT108-D02N □-DS832	KJ108-D01N □-DS12	KT108-D02N □-DS12
KJ108-D01P □-DS832	KT108-D02P □-DS832	KJ108-D01P □-DS12	KT108-D02P □-DS12
KJ108-D02N □-DS832	KT108-D04N □-DS832	KJ108-D02N □-DS12	KT108-D04N □-DS12
KJ108-D02P □-DS832	KT108-D04P □-DS832	KJ108-D02P □-DS12	KT108-D04P □-DS12
		KJ108-D03N □-DS12	KT108-D06N □-DS12
		KJ108-D03P □-DS12	KT108-D06P □-DS12
			
Technical Data技术参数	DC 3 wire & DC4 wire		DC 2 wire
Operating Voltage / 工作电压	10-36VDC		10-36VDC
Max. Ripple / 涟波	<10%		<10%
No Load Current/ 空载电流	<10 m A		<10mA
Max. Load Current/ 最大负载电流	200mA		200mA
Leakge Current / 漏电流	<0.01mA		<1.2mA
VoltageDrop / 电压降	<1.5V		< 8V
Switching Frequency/ 开关频率	Flush:2KHZ; Non-flush:1KHZ		1kHz
Response Time / 响应时间	0.1ms / 0.1ms		0.1ms
Switching Hysteresis/ 迟滞	<15%(Sr)		<15%(Sr)
Repeat Accuracy/ 重复精度	<±1.0%(Sr)		<±1.0%(Sr)
Protection Category / 防护等级	IP67		IP67
Operating Temperature/ 工作温度	-25℃-+70℃		-25℃- +70℃
Temperature Drift / 温度漂移	<±10%(Sr)		<±10%(Sr)
Short Circuit Protection / 短路保护	YES		YES
Material Active Face / 感应面材质	POM		POM
Led Display/ Led显示	YES		YES

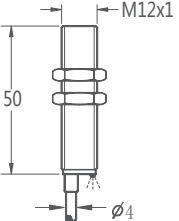
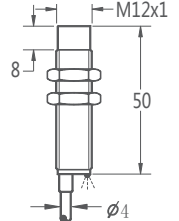
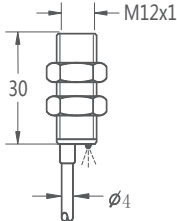
● 上述型号中的"□", 常开改为"A",常闭改为"B"

Dimension 外径尺寸	M8	M8	M8
Mounting 安装方式	 Flush齐平	 Non-flush非齐平	 Flush齐平
Product Photo 产品图片			
Sensing Distance Sn检测距离	1/2/3mm	2/4/6mm	1/2/3mm
DC 2 wire常开 (NO)			
DC 2 wire常闭 (NC)			
DC 3 wire NPN常开&常闭 (NO & NC)	KJ108-D01N□-DPS8	KT108-D02N □-DPS8	KJ108-D01N□-DS1245
DC 3 wire PNP常开&常闭 (NO & NC)	KJ108-D01P□-DPS8	KT108-D02P □-DPS8	KJ108-D01P□-DS1245
DC 3 wire NPN常开&常闭 (NO & NC)	KJ108-D02N □-DPS8	KT108-D04N □-DPS8	KJ108-D02N□-DS1245
DC 3 wire PNP常开&常闭 (NO & NC)	KJ108-D02P□-DPS8	KT108-D04P □-DPS8	KJ108-D02P□-DS1245
DC 3 wire NPN常开&常闭 (NO & NC)	KJ108-D03N□-DPS8	KT108-D06N □-DPS8	KJ108-D03N□-DS1245
DC 3 wire PNP常开&常闭 (NO & NC)	KJ108-D03P□-DPS8	KT108-D06P □-DPS8	KJ108-D03P□-DS1245
DC 3 wire NPN常开&常闭 (NO & NC)			
DC 3 wire PNP常开&常闭 (NO & NC)			
DC 4 wire NPN常开+常闭 (NO + NC)			
DC 4 wire PNP常开+常闭 (NO + NC)			
Machine Size Map 机械尺寸图			
Technical Data技术参数	DC 3 wire & DC4 wire		DC 2 wire
Operating Voltage / 工作电压	10-36VDC		10-36VDC
Max. Ripple / 涟波	<10%		<10%
No Load Current / 空载电流	<10mA		<10mA
Max. Load Current / 最大负载电流	200mA		200mA
Leakge Current / 漏电流	<0.01mA		<1.2mA
VoltageDrop / 电压降	<1.5V		< 8V
Switching Frequency/ 开关频率	Flush:2KHZ ;Non -flush:1KHZ		1kHz
Response Time / 响应时间	0.1ms / 0.1ms		0.1ms
Switching Hysteresis/ 迟滞	<15%(Sr)		<15%(Sr)
Repeat Accuracy/ 重复精度	< ±1.0%(Sr)		< ±1.0%(Sr)
Protection Category / 防护等级	IP67		IP67
Operating Temperature/ 工作温度	-25℃-+70℃		-25℃- +70℃
Temperature Drift / 温度漂移	< ±10%(Sr)		< ±10%(Sr)
Short Circuit Protection / 短路保护	YES		YES
Material Active Face / 感应面材质	POM		POM
Led Display/ Led显示	YES		YES

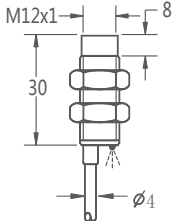
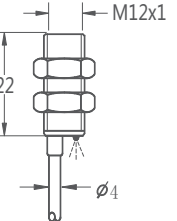
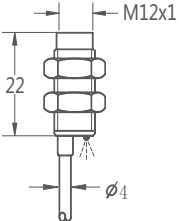
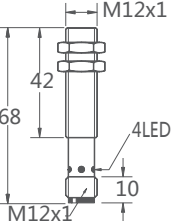
● 上述型号中的"□", 常开改为"A",常闭改为"B"

M8			
 Non-flush非齐平			
			
2/4/6mm			
KT108-D02N □-DS1245			
KT108-D02P □-DS1245			
KT108-D04N □-DS1245			
KT108-D04P □-DS1245			
KT108-D06N □-DS1245			
KT108-D06P □-DS1245			
			
Technical Data技术参数	DC 3 wire & DC4 wire	DC 2 wire	
Operating Voltage / 工作电压	10-36VDC	10-36VDC	
Max. Ripple / 涟波	<10%	<10%	
No Load Current / 空载电流	<10mA	<10mA	
Max. Load Current / 最大负载电流	200mA	200mA	
Leakge Current / 漏电流	<0.01mA	<1.2mA	
VoltageDrop / 电压降	<1.5V	< 8V	
Switching Frequency/开关频率	Flush:2KHZ;Non -flush:1KHZ	1kHz	
Response Time / 响应时间	0.1ms / 0.1ms	0.1ms	
Switching Hysteresis/ 迟滞	<15%(Sr)	<15%(Sr)	
Repeat Accuracy/ 重复精度	< ±1.0%(Sr)	< ±1.0%(Sr)	
Protection Category / 防护等级	IP67	IP67	
Operating Temperature/ 工作温度	-25℃-+70℃	-25℃- +70℃	
Temperature Drift / 温度漂移	< ±10%(Sr)	< ±10%(Sr)	
Short Circuit Protection/ 短路保护	YES	YES	
Material Active Face/ 感应面材质	POM	POM	
Led Display/ Led显示	YES	YES	

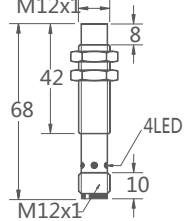
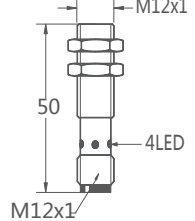
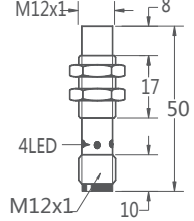
● 上述型号中的"□", 常开改为"A",常闭改为"B"

Dimension 外径尺寸	M12	M12	M12
Mounting 安装方式	 Flush齐平	 Non-flush非齐平	 Flush齐平
Product Photo 产品图片			
Sensing Distance Sn检测距离	2/4/6mm	4/8/10mm	2/4mm
DC 2 wire常开 (NO)	KJ112-D04DA-D2	KT112-D08DA-D2	KJ112-D02DA-D230
DC 2 wire常闭 (NC)	KJ112-D04DB-D2	KT112-D08DB-D2	KJ112-D02DB-D230
DC 3 wire NPN常开&常闭 (NO & NC)	KJ112-D02N □-D3	KT112-D04N □-D3	KJ112-D02N □-D330
DC 3 wire PNP常开&常闭 (NO & NC)	KJ112-D02P □-D3	KT112-D04P □-D3	KJ112-D02P □-D330
DC 3 wire NPN常开&常闭 (NO & NC)	KJ112-D04N □-D3	KT112-D08N □-D3	KJ112-D04N □-D330
DC 3 wire PNP常开&常闭 (NO & NC)	KJ112-D04P □-D3	KT112-D08P □-D3	KJ112-D04P □-D330
DC 3 wire NPN常开&常闭 (NO & NC)	KJ112-D06N □-D3	KT112-D10N □-D3	
DC 3 wire PNP常开&常闭 (NO & NC)	KJ112-D06P □-D3	KT112-D10P □-D3	
DC 3 wire NPN常开&常闭 (NO & NC)			
DC 3 wire PNP常开&常闭 (NO & NC)			
DC 4 wire NPN常开+常闭 (NO + NC)	KJ112-D04NC-D4	KT112-D08NC-D4	
DC 4 wire PNP常开+常闭 (NO + NC)	KJ112-D04PC-D4	KT112-D08PC-D4	
Machine Size Map 机械尺寸图			
Technical Data技术参数	DC 3 wire & DC4 wire		DC 2 wire
Operating Voltage/ 工作电压	10-36VDC		10-36VDC
Max. Ripple / 涟波	<10%		<10%
No Load Current / 空载电流	<10mA		<10mA
Max. Load Current/ 最大负载电流	200mA		200mA
Leakge Current / 漏电流	<0.01mA		<1.2mA
VoltageDrop / 电压降	<1.5V		< 8V
Switching Frequency / 开关频率	Flush:2KHZ;Non -flush:1KHZ		1kHz
Response Time / 响应时间	0.1ms / 0.1ms		0.1ms
Switching Hysteresis / 迟滞	<15%(Sr)		<15%(Sr)
Repeat Accuracy / 重复精度	< ±1.0%(Sr)		< ±1.0%(Sr)
Protection Category / 防护等级	IP67		IP67
Operating Temperature/ 工作温度	-25℃- +70℃		-25℃- +70℃
Temperature Drift / 温度漂移	< ±10%(Sr)		< ±10%(Sr)
Short Circuit Protection / 短路保护	YES		YES
Material Active Face / 感应面材质	POM		POM
Led Display / Led显示	YES		YES

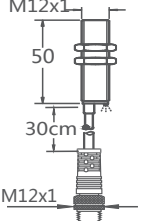
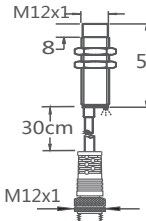
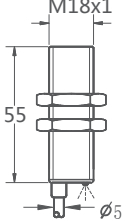
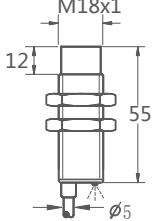
● 上述型号中的"□", 常开改为"A",常闭改为"B"

M12	M12	M12	M12
 Non-flush非齐平	 Flush齐平	 Non-flush非齐平	 Flush齐平
			
4/8mm	2mm	4mm	2/4/6mm
KT112-D04DA-D230			KJ112-D04DA-DS12
KT112-D04DB-D230			KJ112-D04DB-DS12
KT112-D04N □-D330	KJ112-D02N □-D322	KT112-D04N □-D322	KJ112-D02N □-DS12
KT112-D04P □-D330	KJ112-D02P □-D322	KT112-D04P □-D322	KJ112-D02P □-DS12
KT112-D08N □-D330			KJ112-D04N □-DS12
KT112-D08P □-D330			KJ112-D04P □-DS12
			KJ112-D06N □-DS12
			KJ112-D06P □-DS12
			KJ112-D04NC-DS12
			KJ112-D04PC-DS12
			
Technical Data技术参数	DC 3 wire & DC4 wire		DC 2 wire
Operating Voltage / 工作电压	10-36VDC		10-36VDC
Max. Ripple / 涟波	<10%		<10%
No Load Current / 空载电流	<10m A		<10mA
Max. Load Current / 最大负载电流	200mA		200mA
Leakge Current / 漏电流	<0.01mA		<1.2mA
VoltageDrop / 电压降	<1.5V		< 8V
Switching Frequency / 开关频率	Flush:2KHZ;Non -flush:1KHZ		1kHz
Response Time / 响应时间	0.1ms / 0.1ms		0.1ms
Switching Hysteresis / 迟滞	<15%(Sr)		<15%(Sr)
Repeat Accuracy / 重复精度	< ±1.0%(Sr)		< ±1.0%(S r)
Protection Category / 防护等级	IP67		IP67
Operating Temperature/ 工作温度	-25℃- +70℃		-25℃- +70℃
Temperature Drift / 温度漂移	< ±10%(Sr)		< ±10%(Sr)
Short Circuit Protection / 短路保护	YES		YES
Material Active Face / 感应面材质	POM		POM
Led Display / Led显示	YES		YES

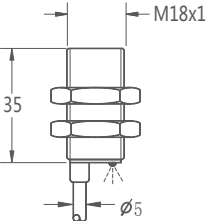
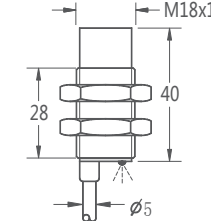
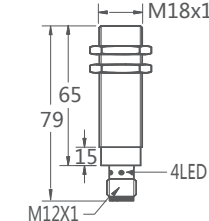
● 上述型号中的"□", 常开改为"A",常闭改为"B"

Dimension 外径尺寸	M12	M12	M12
Mounting 安装方式	 Non-flush非齐平	 Flush齐平	 Non-flush非齐平
Product Photo 产品图片			
Sensing Distance Sn检测距离	4/8/10mm	2/4mm	4/8mm
DC 2 wire常开 (NO)	KT112-D08DA-DS12		
DC 2 wire常闭 (NC)	KT112-D08DB-DS12		
DC 3 wire NPN常开&常闭 (NO & NC)	KT112-D04N □-DS12	KJ112-D02N □-DS1250	KT112-D04N □-DS1250
DC 3 wire PNP常开&常闭 (NO & NC)	KT112-D04P □-DS12	KJ112-D02P □-DS1250	KT112-D04P □-DS1250
DC 3 wire NPN常开&常闭 (NO & NC)	KT112-D08N □-DS12	KJ112-D04N □-DS1250	KT112-D08N □-DS1250
DC 3 wire PNP常开&常闭 (NO & NC)	KT112-D08P □-DS12	KJ112-D04P □-DS1250	KT112-D08P □-DS1250
DC 3 wire NPN常开&常闭 (NO & NC)	KT112-D10N □-DS12		
DC 3 wire PNP常开&常闭 (NO & NC)	KT112-D10P □-DS12		
DC 3 wire NPN常开&常闭 (NO & NC)			
DC 3 wire PNP常开&常闭 (NO & NC)			
DC 4 wire NPN常开+常闭 (NO + NC)	KT112-D08NC-DS12		
DC 4 wire PNP常开+常闭 (NO + NC)	KT112-D08PC-DS12		
Machine Size Map 机械尺寸图			
Technical Data技术参数	DC 3 wire & DC4 wire		DC 2 wire
Operating Voltage / 工作电压	10-36VDC		10-36VDC
Max. Ripple / 涟波	<10%		<10%
No Load Current / 空载电流	<10mA		<10mA
Max. Load Current/ 最大负载电流	200mA		200mA
Leakge Current / 漏电流	<0. 01mA		<1. 2mA
VoltageDrop / 电压降	<1. 5V		< 8V
Switching Frequency/开关频率	Flush:2KHZ;Non -flush:1KHZ		1kHz
Response Time / 响应时间	0. 1ms / 0.1ms		0. 1ms
Switching Hysteresis/迟滞	<15%(Sr)		<15%(Sr)
Repeat Accuracy/重复精度	< ±1.0%(Sr)		< ±1.0%(Sr)
Protection Category / 防护等级	IP67		IP67
Operating Temperature/ 工作温度	-25℃- +70℃		-25℃- +70℃
Temperature Drift/ 温度漂移	< ±10%(Sr)		< ±10%(Sr)
Short Circuit Protection/短路保护	YES		YES
Material Active Face / 感应面材质	POM		POM
Led Display/ Led显示	YES		YES

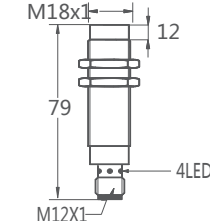
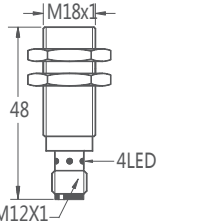
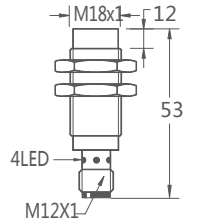
● 上述型号中的"□", 常开改为"A",常闭改为"B"

M12	M12	M18	M18
 Flush齐平	 Non-flush非齐平	 Flush齐平	 Non-flush非齐平
			
2/4/6mm	4/8/10mm	5/8/12mm	8/16/20mm
		KJ118-D08DA-D2	KT118-D16DA-D2
		KJ118-D08DB-D2	KT118-D16DB-D3
KJ112-D02N □-DPS12	KT112-D04N □-DPS12	KJ118-D05N □-D3	KT118-D08N □-D3
KJ112-D02P □-DPS12	KT112-D04P □-DPS12	KJ118-D05P □-D3	KT118-D08P □-D3
KJ112-D04N □-DPS12	KT112-D08N □-DPS12	KJ118-D08N □-D3	KT118-D16N □-D3
KJ112-D04P □-DPS12	KT112-D08P □-DPS12	KJ118-D08P □-D3	KT118-D16P □-D3
KJ112-D06N □-DPS12	KT112-D10N □-DPS12	KJ118-D12N □-D3	KT118-D20N □-D3
KJ112-D06P □-DPS12	KT112-D10P □-DPS12	KJ118-D12P □-D3	KT118-D20P □-D3
		KJ118-D08NC-D4	KT118-D16NC-D4
		KJ118-D08PC-D4	KT118-D16PC-D4
			
Technical Data技术参数	DC 3 wire & DC4 wire		DC 2 wire
Operating Voltage / 工作电压	10-36VDC		10-36VDC
Max. Ripple / 涟波	<10%		<10%
No Load Current / 空载电流	<10mA		<10mA
Max. Load Current/ 最大负载电流	200mA		200mA
Leakge Current / 漏电流	<0. 01mA		<1. 2mA
VoltageDrop / 电压降	<1. 5V		< 8V
Switching Frequency/开关频率	Flush:2KHZ;Non -flush:1KHZ		M12 :1kHz ; M18 :500HZ
Response Time / 响应时间	0. 1ms / 0.1ms		0. 1ms
Switching Hysteresis/迟滞	<15%(Sr)		<15%(Sr)
Repeat Accuracy/重复精度	< ±1.0%(Sr)		< ±10%(Sr)
Protection Category / 防护等级	IP67		IP67
Operating Temperature/ 工作温度	-25℃- +70℃		-25℃- +70℃
Temperature Drift/ 温度漂移	< ±10%(Sr)		< ±10%(Sr)
Short Circuit Protection / 短路保护	YES		YES
Material Active Face / 感应面材质	POM		POM
Led Display/ Led显示	YES		YES

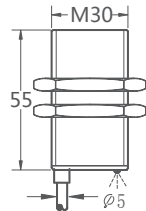
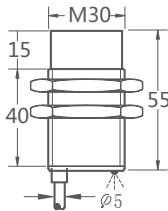
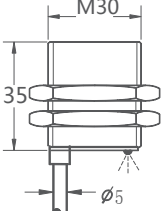
● 上述型号中的"□", 常开改为"A",常闭改为"B"

Dimension 外径尺寸	M18	M18	M18
Mounting 安装方式	 Flush 齐平	 Non-flush 非齐平	 Flush 齐平
Product Photo 产品图片			
Sensing Distance Sn检测距离	5/8mm	8/16mm	5/8/12mm
DC 2 wire常开 (NO)	KJ118-D08DA-D235	KT118-D16DA-D240	KJ118-D08DA-DS12
DC 2 wire常闭 (NC)	KJ118-D08DB-D235	KT118-D16DB-D240	KJ118-D08DB-DS12
DC 3 wire NPN常开&常闭 (NO & NC)	KJ118-D05N □-D335	KT118-D08N □-D340	KJ118-D05N □-DS12
DC 3 wire PNP常开&常闭 (NO & NC)	KJ118-D05P □-D335	KT118-D08P □-D340	KJ118-D05P □-DS12
DC 3 wire NPN常开&常闭 (NO & NC)	KJ118-D08N □-D335	KT118-D16N □-D340	KJ118-D08N □-DS12
DC 3 wire PNP常开&常闭 (NO & NC)	KJ118-D08P □-D335	KT118-D16P □-D340	KJ118-D08P □-DS12
DC 3 wire NPN常开&常闭 (NO & NC)			KJ118-D12N □-DS12
DC 3 wire PNP常开&常闭 (NO & NC)			KJ118-D12P □-DS12
DC 3 wire NPN常开&常闭 (NO & NC)			
DC 3 wire PNP常开&常闭 (NO & NC)			
DC 4 wire NPN常开+常闭 (NO + NC)	KJ118-D08NC-D435	KT118-D16NC-D440	KJ118-D08NC-DS12
DC 4 wire PNP常开+常闭 (NO + NC)	KJ118-D08PC-D435	KT118-D16PC-D440	KJ118-D08PC-DS12
Machine Size Map 机械尺寸图			
Technical Data技术参数	DC 3 wire & DC4 wire		DC 2 wire
Operating Voltage / 工作电压	10-36VDC		10-36VDC
Max. Ripple / 涟波	<10%		<10%
No Load Current/ 空载电流	<10mA		<10mA
Max. Load Current / 最大负载电流	200mA		200mA
Leakge Current / 漏电流	<0.01mA		<1.2mA
VoltageDrop / 电压降	<1.5V		<8 V
Switching Frequency/ 开关频率	Flush:300HZ; Non -flush:150HZ		500HZ
Response Time / 响应时间	0.1ms / 0.1ms		0.1ms
Switching Hysteresis / 迟滞	<15%(Sr)		<15%(Sr)
Repeat Accuracy/ 重复精度	<±1.0%(Sr)		<±1.0%(Sr)
Protection Category/ 防护等级	IP67		IP67
Operating Temperature/ 工作温度	-25℃-+70℃		-25℃-+70℃
Temperature Drift / 温度漂移	<±10%(Sr)		<±10%(Sr)
Short Circuit Protection / 短路保护	YES		YES
Material Active Face / 感应面材质	POM		POM
Led Display/ Led显示	YES		YES

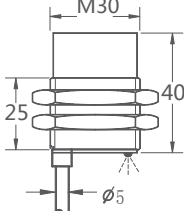
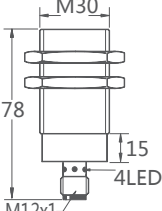
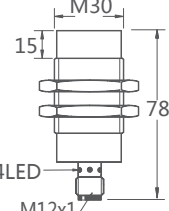
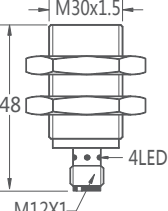
● 上述型号中的"□", 常开改为"A",常闭改为"B"

M18	M18	M18	
 Non-flush 非齐平	 Flush 齐平	 Non-flush 非齐平	
			
8/16/20mm	5/8mm	8/16mm	
KT118-D16DA-DS12	KJ118-D08DA-DS1248	KT118-D16DA-DS1253	
KT118-D16DB-DS12	KJ118-D08DB-DS1248	KT118-D16DB-DS1253	
KT118-D08N □-DS12	KJ118-D05N □-DS1248	KT118-D08N □-DS1253	
KT118-D08P □-DS12	KJ118-D05P □-DS1248	KT118-D08P □-DS1253	
KT118-D16N □-DS12	KJ118-D08N □-DS1248	KT118-D16N □-DS1253	
KT118-D16P □-DS12	KJ118-D08P □-DS1248	KT118-D16P □-DS1253	
KT118-D20N □-DS12			
KT118-D20P □-DS12			
KT118-D16NC-DS12	KJ118-D08NC-DS1248	KT118-D16NC-DS1253	
KT118-D16PC-DS12	KJ118-D08PC-DS1248	KT118-D16PC-DS1253	
			
Technical Data技术参数	DC 3 wire & DC4 wire		DC 2 wire
Operating Voltage / 工作电压	10-36VDC		10-36VDC
Max. Ripple / 涟波	<10%		<10%
No Load Current/ 空载电流	<10mA		<10mA
Max. Load Current / 最大负载电流	200mA		200mA
Leakge Current / 漏电流	<0.01mA		<1.2mA
VoltageDrop / 电压降	<1.5V		<8 V
Switching Frequency/ 开关频率	Flush:300HZ ;Non -flush:150HZ		500HZ
Response Time / 响应时间	0.1ms / 0.1ms		0.1ms
Switching Hysteresis / 迟滞	<15%(Sr)		<15%(Sr)
Repeat Accuracy/ 重复精度	<±1.0%(Sr)		<±1.0%(Sr)
Protection Category/ 防护等级	IP67		IP67
Operating Temperature/ 工作温度	25℃-+70℃		-25℃-+70℃
Temperature Drift / 温度漂移	<±10%(Sr)		<±10%(Sr)
Short Circuit Protection / 短路保护	YES		YES
Material Active Face / 感应面材质	POM		POM
Led Display/ Led显示	YES		YES

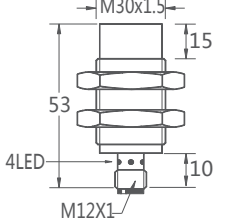
● 上述型号中的"□", 常开改为"A",常闭改为"B"

Dimension 外径尺寸	M30	M30	M30
Mounting 安装方式	 Flush齐平	 Non-flush非齐平	 Flush齐平
Product Photo 产品图片			
Sensing Distance Sn检测距离	10/16/22mm	15/25/40mm	10/16mm
DC 2 wire常开 (NO)	KJ130-D16DA-D2	KT130-D25DA-D2	KJ130-D16DA-D235
DC 2 wire常闭 (NC)	KJ130-D16DB-D2	KT130-D25DB-D2	KJ130-D16DB-D235
DC 3 wire NPN常开&常闭 (NO & NC)	KJ130-D10N □-D3	KT130-D25N □-D3	KJ130-D10N □-D335
DC 3 wire PNP常开&常闭 (NO & NC)	KJ130-D10P □-D3	KT130-D25P □-D3	KJ130-D10P □-D335
DC 3 wire NPN常开&常闭 (NO & NC)	KJ130-D16N □-D3	KT130-D35N □-D3	KJ130-D16N □-D335
DC 3 wire PNP常开&常闭 (NO & NC)	KJ130-D16P □-D3	KT130-D35P □-D3	KJ130-D16P □-D335
DC 3 wire NPN常开&常闭 (NO & NC)	KJ130-D22N □-D3	KT130-D40N □-D3	
DC 3 wire PNP常开&常闭 (NO & NC)	KJ130-D22P □-D3	KT130-D40P □-D3	
DC 3 wire NPN常开&常闭 (NO & NC)			
DC 3 wire PNP常开&常闭 (NO & NC)			
DC 4 wire NPN常开+常闭 (NO + NC)	KJ130-D16NC-D4	KT130-D25NC-D4	KJ130-D16NC-D435
DC 4 wire PNP常开+常闭 (NO + NC)	KJ130-D06PC-D4	KT130-D25PC-D4	KJ130-D16PC-D435
Machine Size Map 机械尺寸图			
Technical Data技术参数	DC 3 wire & DC4 wire		DC 2 wire
Operating Voltage / 工作电压	10-36VDC		10-36VDC
Max. Ripple / 涟波	<10%		<10%
No Load Current/ 空载电流	<10mA		<10mA
Max. Load Current / 最大负载电流	200mA		200mA
Leakge Current / 漏电流	<0.01mA		<1.2mA
VoltageDrop / 电压降	<1.5V		< 8V
Switching Frequency/ 开关频率	Flush:300HZ;Non -flush:150HZ		Flush:200HZ;Non -flush:100HZ
Response Time / 响应时间	0.1ms / 0.1ms		0.1ms
Switching Hysteresis/ 迟滞	<15%(Sr)		<15%(Sr)
Repeat Accuracy/ 重复精度	< ±1.0%(Sr)		< ±1.0%(Sr)
Protection Category / 防护等级	IP67		IP67
Operating Temperature/ 工作温度	-25℃- +70℃		-25℃- +70℃
Temperature Drift/ 温度漂移	< ±10%(Sr)		< ±10%(Sr)
Short Circuit Protection / 短路保护	YES		YES
Material Active Face / 感应面材质	POM		POM
Led Display/ Led显示	YES		YES

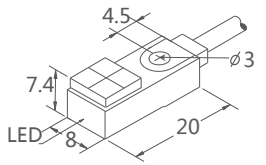
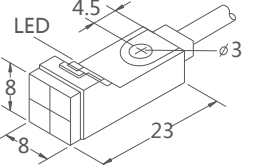
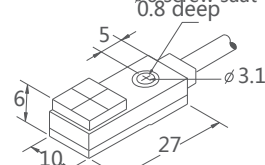
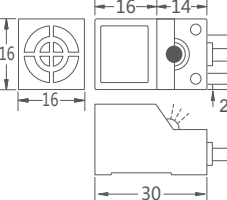
● 上述型号中的"□", 常开改为"A",常闭改为"B"

M30	M30	M30	M30
 Non-flush非齐平	 Flush齐平	 Non-flush非齐平	 Flush齐平
			
15/25mm	10/16/22mm	15/25/40mm	10/16mm
KT130-D25DA-D240	KJ130-D16DA-DS12	KT130-D25DA-DS12	KJ130-D16DA-DS1248
KT130-D25DB-D240	KJ130-D16DA-DS12	KT130-D25DB-DS12	KJ130-D16DB-DS1248
KT130-D15N □-D340	KJ130-D10N □-DS12	KT130-D15N □-DS12	KJ130-D10N □-DS1248
KT130-D15P □-D340	KJ130-D10P □-DS12	KT130-D15P □-DS12	KJ130-D10P □-DS1248
KT130-D25N □-D340	KJ130-D16N □-DS12	KT130-D25N □-DS12	KJ130-D16N □-DS1248
KT130-D25P □-D340	KJ130-D16P □-DS12	KT130-D25P □-DS12	KJ130-D16P □-DS1248
	KJ130-D22N □-DS12	KT130-D40N □-DS12	
	KJ130-D22P □-DS12	KT130-D40P □-DS12	
KT130-D25NC-D440	KJ130-D16NC-DS12	KT130-D25NC-DS12	KJ130-D16NC-DS1248
KT130-D25PC-D440	KJ130-D16PC-DS12	KT130-D25PC-DS12	KJ130-D16PC-DS1248
			
Technical Data技术参数	DC 3 wire & DC4 wire		DC 2 wire
Operating Voltage / 工作电压	10-36VDC		10-36VDC
Max. Ripple / 涟波	<10%		<10%
No Load Current/ 空载电流	<10 m A		<10mA
Max. Load Current / 最大负载电流	200mA		200mA
Leakge Current / 漏电流	<0.01mA		<1.2mA
VoltageDrop / 电压降	<1.5V		< 8V
Switching Frequency/ 开关频率	Flush:300HZ ;Non -flush:150HZ		Flush:200HZ ;Non -flush:100HZ
Response Time / 响应时间	0.1ms / 0.1ms		0.1ms
Switching Hysteresis/ 迟滞	<15%(Sr)		<15%(Sr)
Repeat Accuracy/ 重复精度	< ±1.0%(Sr)		< ±1.0%(Sr)
Protection Category / 防护等级	IP67		IP67
Operating Temperature/ 工作温度	-25℃- +70℃		-25℃- +70℃
Temperature Drift / 温度漂移	< ±10%(Sr)		< ±10%(Sr)
Short Circuit Protection / 短路保护	YES		YES
Material Active Face / 感应面材质	POM		POM
Led Display/ Led显示	YES		YES

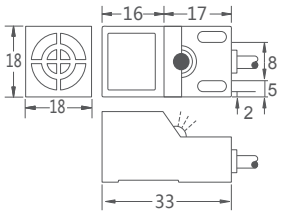
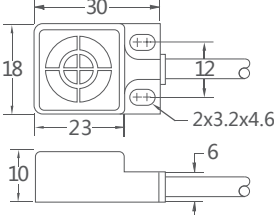
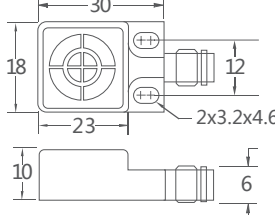
● 上述型号中的"□", 常开改为"A",常闭改为"B"

Dimension 外径尺寸	M30		
Mounting 安装方式	 Non-flush 非齐平		
Product Photo 产品图片			
Sensing Distance Sn检测距离	15/25mm		
DC 2 wire常开 (NO)	KJ130-D25DA-DS1253		
DC 2 wire常闭 (NC)	KJ130-D25DB-DS1253		
DC 3 wire NPN常开&常闭 (NO & NC)	KJ130-D15N □-DS1253		
DC 3 wire PNP常开&常闭 (NO & NC)	KJ130-D15P□-DS1253		
DC 3 wire NPN常开&常闭 (NO & NC)	KJ130-D25N □-DS1253		
DC 3 wire PNP常开&常闭 (NO & NC)	KJ130-D25P□-DS1253		
DC 3 wire NPN常开&常闭 (NO & NC)			
DC 3 wire PNP常开&常闭 (NO & NC)			
DC 3 wire NPN常开&常闭 (NO & NC)			
DC 3 wire PNP常开&常闭 (NO & NC)			
DC 4 wire NPN常开+常闭 (NO + NC)	KJ118-D25NC-DS1253		
DC 4 wire PNP常开+常闭 (NO + NC)	KJ118-D25PC-DS1253		
Machine Size Map 机械尺寸图			
Technical Data技术参数	DC 3 wire & DC4 wire		DC 2 wire
Operating Voltage / 工作电压	10-36VDC		10-36VDC
Max. Ripple / 涟波	<10%		<10%
No Load Current/ 空载电流	<10mA		<10mA
Max. Load Current / 最大负载电流	200mA		200mA
Leakge Current / 漏电流	<0.01mA		<1.2mA
VoltageDrop / 电压降	<1.5V		<8 V
Switching Frequency/ 开关频率	Flush:300HZ ;Non -flush:150HZ		500HZ
Response Time / 响应时间	0.1ms / 0.1ms		0.1ms
Switching Hysteresis / 迟滞	<15%(Sr)		<15%(Sr)
Repeat Accuracy/ 重复精度	<±1.0%(Sr)		<±1.0%(Sr)
Protection Category/ 防护等级	IP67		IP67
Operating Temperature/ 工作温度	-25℃-+70℃		-25℃-+70℃
Temperature Drift/ 温度漂移	<±10%(Sr)		<±10%(Sr)
Short Circuit Protection / 短路保护	YES		YES
Material Active Face / 感应面材质	POM		POM
Led Display/ Led显示	YES		YES

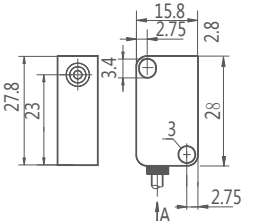
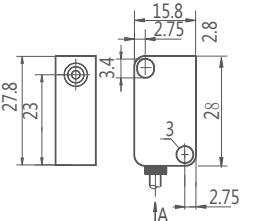
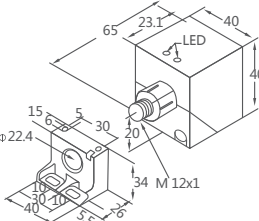
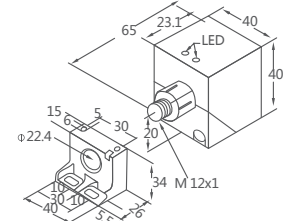
● 上述型号中的"□",常开改为"A",常闭改为"B"

Y8	Y8	Y10	F16
 Non-flush 非齐平	 Non-flush 非齐平	 Non-flush 非齐平	 Non-flush 非齐平
			
2.5mm	2.5mm	2.5mm	5/8mm
KT408-Z2.5DA-D2	KT408-F2.5DA-D2	KT508-Z2.5DA-D2	KT416-F08DA-D2
KT408-Z2.5DB-D2	KT408-F2.5DB-D2	KT508-Z2.5DB-D2	KT416-F08DB-D2
KT408-Z2.5N□-D3	KT408-F2.5N□-D3	KT508-Z2.5N□-D3	KT416-F04N□-D3
KT408-Z2.5P□-D3	KT408-F2.5P□-D3	KT508-Z2.5P□-D3	KT416-F04P□-D3
			KT416-F08N□-D3
			KT416-F08P□-D3
			
Technical Data技术参数	DC 3 wire & DC4 wire		DC 2 wire
Operating Voltage / 工作电压	10-36VDC		10-36VDC
Max. Ripple / 涟波	<10%		<10%
No Load Current/ 空载电流	<10mA		<10mA
Max. Load Current / 最大负载电流	200mA		200mA
Leakge Current / 漏电流	<0.01mA		<1.2mA
VoltageDrop / 电压降	<1.5V		<8 V
Switching Frequency/ 开关频率	Flush:300HZ ;Non -flush:150HZ		500HZ
Response Time / 响应时间	0.1ms / 0.1ms		0.1ms
Switching Hysteresis / 迟滞	<15%(Sr)		<15%(Sr)
Repeat Accuracy/ 重复精度	<±1.0%(Sr)		<±1.0%(Sr)
Protection Category/ 防护等级	IP67		IP67
Operating Temperature/ 工作温度	25℃-+70℃		-25℃-+70℃
Temperature Drift/ 温度漂移	<±10%(Sr)		<±10%(Sr)
Short Circuit Protection / 短路保护	YES		YES
Material Active Face / 感应面材质	POM		POM
Led Display/ Led显示	YES		YES

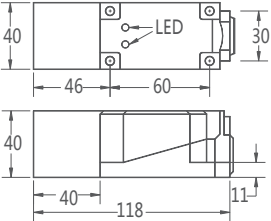
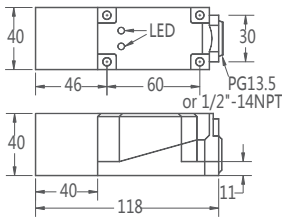
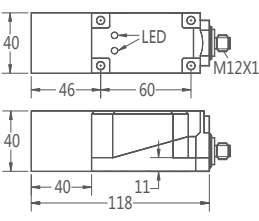
● 上述型号中的"□",常开改为"A",常闭改为"B"

Dimension 外径尺寸	F18	F18	F18
Mounting 安装方式	 Non-flush非齐平	 Non-flush非齐平	 Non-flush非齐平
Product Photo 产品图片			
Sensing Distance Sn检测距离	5/8mm	5mm	5mm
DC 2 wire常开 (NO)	KT418-F08DA-D2	KT418-Z08DA-D2	KT418-Z05DA-DS8
DC 2 wire常闭 (NC)	KT418-F08DB-D2	KT418-Z08DB-D2	KT418-Z05DB-DS8
DC 3 wire NPN常开&常闭 (NO & NC)	KT418-F05N □-D3	KT418-Z05N □-D3	KT418-Z05N □-DS8
DC 3 wire PNP常开&常闭 (NO & NC)	KT418-F05P □-D3	KT418-Z05P □-D3	KT418-Z05P □-DS8
DC 3 wire NPN常开&常闭 (NO & NC)	KT418-F08N □-D3		
DC 3 wire PNP常开&常闭 (NO & NC)	KT418-F08P □-D3		
DC 3 wire NPN常开&常闭 (NO & NC)			
DC 3 wire PNP常开&常闭 (NO & NC)			
DC 3 wire NPN常开&常闭 (NO & NC)			
DC 3 wire PNP常开&常闭 (NO & NC)			
DC 4 wire NPN常开+常闭 (NO + NC)			
DC 4 wire PNP常开+常闭 (NO + NC)			
Machine Size Map 机械尺寸图			
Technical Data技术参数	DC 3 wire & DC4 wire		DC 2 wire
Operating Voltage / 工作电压	10-36VDC		10-36VDC
Max. Ripple / 涟波	<10%		<10%
No Load Current / 空载电流	<10mA		<10mA
Max. Load Current / 最大负载电流	200mA		200mA
Leakge Current / 漏电流	<0. 01mA		<1. 2mA
VoltageDrop / 电压降	<1. 5V		< 8V
Switching Frequency / 开关频率	500HZ		100HZ
Response Time / 响应时间	0. 1ms / 0.1ms		0. 1ms
Switching Hysteresis / 迟滞	<15%(Sr)		<15%(Sr)
Repeat Accuracy / 重复精度	< ±1.0%(Sr)		< ±1.0%(Sr)
Protection Category / 防护等级	IP67		IP67
Operating Temperature / 工作温度	-25℃- +70℃		-25℃- +70℃
Temperature Drift / 温度漂移	< ±10%(Sr)		< ±10%(Sr)
Short Circuit Protection / 短路保护	YES		YES
Material Active Face / 感应面材质	POM		POM
Led Display / Led显示	YES		YES

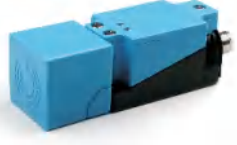
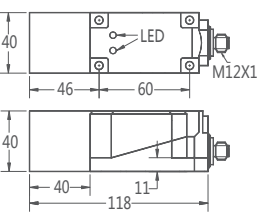
● 上述型号中的"□", 常开改为"A",常闭改为"B"

F28	F28	F40	F40
 Flush齐平	 Non-flush非齐平	 Flush齐平	 Non-flush非齐平
			
2mm	2mm	15/20mm	20/30mm
		KJ440-F20DA-DS12	KT440-F20DA-DS12
		KJ440-F20DB-DS12	KT440-F20DB-DS12
	KT428-F02N □-D3	KJ440-F15N□-DS12	KT440-F20N □-DS12
	KT428-F02P □-D3	KJ440-F15P□-DS12	KT440-F20P □-DS12
KJ428-F02N□-D3		KJ440-F20N□-DS12	KT440-F30N □-DS12
KJ428-F02P□-D3		KJ440-F20P□-DS12	KT440-F30P □-DS12
		KJ440-F30NC-DS12	KT440-F40NC-DS12
		KJ440-F30PC-DS12	KT440-F40PC-DS12
			
Technical Data技术参数	DC 3 wire & DC4 wire		DC 2 wire
Operating Voltage / 工作电压	10-36VDC		10-36VDC
Max. Ripple / 涟波	<10%		<10%
No Load Current / 空载电流	<10mA		<10mA
Max. Load Current / 最大负载电流	200mA		200mA
Leakge Current / 漏电流	<0. 01mA		<1. 2mA
VoltageDrop / 电压降	<1. 5V		< 8V
Switching Frequency / 开关频率	500HZ		100HZ
Response Time / 响应时间	0. 1ms / 0.1ms		0. 1ms
Switching Hysteresis / 迟滞	<15%(Sr)		<15%(Sr)
Repeat Accuracy / 重复精度	< ±1.0%(Sr)		< ±1.0% (Sr)
Protection Category / 防护等级	IP67		IP67
Operating Temperature / 工作温度	-25℃- +70℃		-25℃- +70℃
Temperature Drift / 温度漂移	< ±10%(Sr)		< ±10%(Sr)
Short Circuit Protection / 短路保护	YES		YES
Material Active Face / 感应面材质	POM		POM
Led Display / Led显示	YES		YES

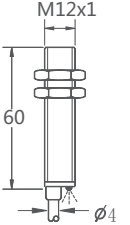
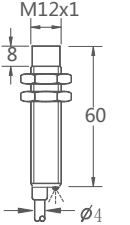
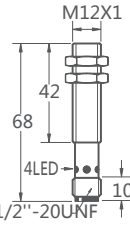
● 上述型号中的"□", 常开改为"A",常闭改为"B"

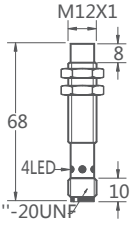
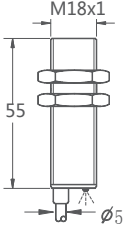
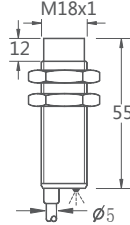
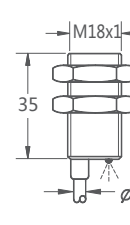
Dimension 外径尺寸	F40	F40	F40
Mounting 安装方式	 Flush齐平	 Non-flush非齐平	 Flush齐平
Product Photo 产品图片			
Sensing Distance Sn检测距离	15/20mm	20/30mm	15/20mm
DC 2 wire常开 (NO)	KJ440-F15DA-D2	KT440-F20DA-D2	KJ440-F15DA-DS12
DC 2 wire常闭 (NC)	KJ440-F15DB-D2	KT440-F20DB-D2	KJ440-F15DB-DS12
DC 3 wire NPN常开&常闭 (NO & NC)	KJ440-F15N□-D3	KT440-F20N □-D3	KJ440-F20N□-DS12
DC 3 wire PNP常开&常闭 (NO & NC)	KJ440-F15P□-D3	KT440-F20P □-D3	KJ440-F20P□-DS12
DC 3 wire NPN常开&常闭 (NO & NC)	KJ440-F20N□-D3	KT440-F30N □-D3	
DC 3 wire PNP常开&常闭 (NO & NC)	KJ440-F20P□-D3	KT440-F30P □-D3	
DC 3 wire NPN常开&常闭 (NO & NC)			
DC 3 wire PNP常开&常闭 (NO & NC)			
DC 3 wire NPN常开&常闭 (NO & NC)			
DC 3 wire PNP常开&常闭 (NO & NC)			
DC 4 wire NPN常开+常闭 (NO + NC)	KJ440-F15NC-D4	KT440-F30NC-D4	KJ440-F15NC-DS12
DC 4 wire PNP常开+常闭 (NO + NC)	KJ440-F15PC-D4	KT440-F30PC-D4	KJ440-F15PC-DS12
Machine Size Map 机械尺寸图			
Technical Data技术参数	DC 3 wire & DC4 wire		DC 2 wire
Operating Voltage / 工作电压	10-36VDC		10-36VDC
Max. Ripple / 涟波	<10%		<10%
No Load Current / 空载电流	<10mA		<10mA
Max. Load Current / 最大负载电流	200mA		200mA
Leakge Current / 漏电流	<0.01mA		<1.2mA
VoltageDrop / 电压降	<1.5V		< 8V
Switching Frequency / 开关频率	100HZ		100HZ
Response Time / 响应时间	0.1ms / 0.1ms		0.1ms
Switching Hysteresis / 迟滞	<15%(Sr)		<15%(Sr)
Repeat Accuracy / 重复精度	< ±1.0%(Sr)		< ±1.0%(Sr)
Protection Category / 防护等级	IP67		IP67
Operating Temperature / 工作温度	-25℃- +70℃		-25℃- +70℃
Temperature Drift / 温度漂移	< ±10%(Sr)		< ±10%(Sr)
Short Circuit Protection / 短路保护	YES		YES
Material Active Face / 感应面材质	POM		POM
Led Display / Led显示	YES		YES

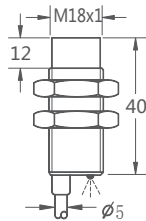
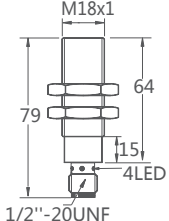
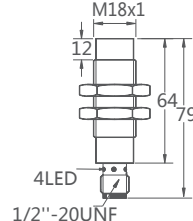
● 上述型号中的"□", 常开改为"A",常闭改为"B"

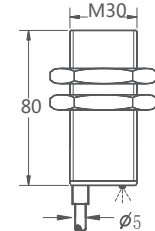
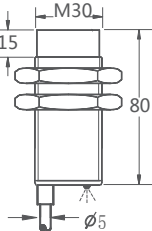
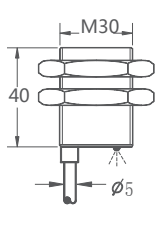
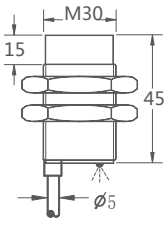
F40			
 Non-flush非齐平			
			
20/30mm			
KT440-F30DA-DS12			
KT440-F30DB-DS12			
KT440-F20N □-DS12			
KT440-F20P □-DS12			
KT440-F30N □-DS12			
KT440-F30P □-DS12			
KT440-F30NC-DS12			
KT440-F30PC-DS12			
			
Technical Data技术参数	DC 3 wire & DC4 wire	DC 2 wire	
Operating Voltage / 工作电压	10-36VDC	10-36VDC	
Max. Ripple / 涟波	<10%	<10%	
No Load Current/ 空载电流	<10 m A	<10mA	
Max. Load Current / 最大负载电流	200mA	200mA	
Leakge Current / 漏电流	<0.01mA	<1.2mA	
VoltageDrop / 电压降	<1.5V	< 8V	
Switching Frequency / 开关频率	100HZ	100HZ	
Response Time / 响应时间	0.1ms / 0.1ms	0.1ms	
Switching Hystresise / 迟滞	<15%(Sr)	<15%(Sr)	
Repeat Accuracy / 重复精度	< ±1.0%(Sr)	< ±1.0%(Sr)	
Protection Category / 防护等级	IP67	IP67	
Operating Temperature / 工作温度	-25℃- +70℃	-25℃- +70℃	
Temperature Drift / 温度漂移	< ±10%(Sr)	< ±10%(Sr)	
Short Circuit Protection / 短路保护	YES	YES	
Material Active Face / 感应面材质	POM	POM	
Led Display / Led显示	YES	YES	

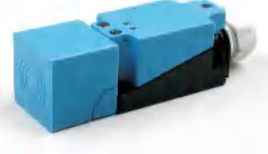
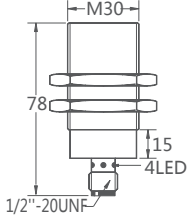
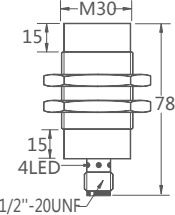
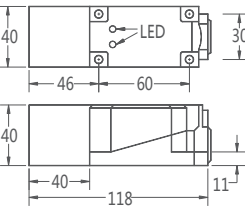
● 上述型号中的"□", 常开改为"A",常闭改为"B"

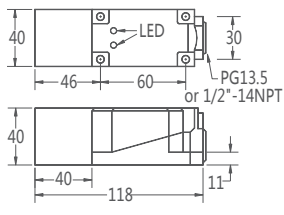
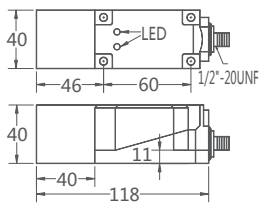
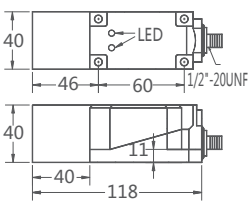
Dimension 外径尺寸	M12	M12	M12
Mounting 安装方式	 Flush齐平	 Non-flush非齐平	 Flush齐平
Product Photo 产品图片			
Sensing Distance Sn检测距离	2/4mm	4/8mm	2/4mm
AC 3 wire常开 (NO)	KJ112-D02AA-J3	KT112-D04AA-J3	KJ112-D02AA-JS12
AC 3 wire常闭 (NC)	KJ112-D02AB-J3	KT112-D04AB-J3	KJ112-D02AB-JS12
AC 3 wire常开 (NO)	KJ112-D04AA-J3	KT112-D08AA-J3	KJ112-D04AA-JS12
AC 3 wire常闭 (NC)	KJ112-D04AB-J3	KT112-D08AB-J3	KJ112-D04AB-JS12
AC 4 wire常开+常闭 (NO+NC)			
AC/DC 3 wire常开 (NO)	KJ112-D02UA-DA3	KT112-D04UA-DA3	KJ112-D02UA-DAS12
AC/DC 3 wire常闭 (NC)	KJ112-D02UB-DA3	KT112-D04UB-DA3	KJ112-D02UB-DAS12
AC/DC 3 wire常开 (NO)	KJ112-D04UA-DA3	KT112-D08UA-DA3	KJ112-D04UA-DAS12
AC/DC 3 wire常闭 (NC)	KJ112-D04UB-DA3	KT112-D08UB-DA3	KJ112-D04UB-DAS12
AC/DC 4 wire常开+常闭 (NO+NC)			
Machine Size Map 机械尺寸图			
Technical Data技术参数	AC 交流		AC/DC 交/直流
Operating Voltage / 工作电压	90 ~250VAC		20 ~250VAC / 20-250VDC
No load current / 空载电流	<1.8mA		<2.5mA
Max. Load Current / 最大负载电流	400mA		200mA
Leakge Current / 漏电流	<1.8mA		<2.5mA
Surge current / 脉冲电流	5A (20ms)		2.2A for 20ms
Min. Load current / 最小负载电流	5mA		
VoltageDrop / 电压降	<8VAC AT 400mA		<10VAC, 8VDC
Switching frequency / 开关频率	25HZ		25HZ AC, 40HZ DC ,
Response Time / 响应时间	10ms /10ms		
Switching hysteresis/ 迟滞	<15% (Sr)		
Repeat Accuracy/ 重复精度	<±1.0% (Sr)		
Protection Category/ 防护等级	IP67		
Operating Temperature/ 工作温度	-25℃~+70℃		
Temperature drift/温度漂移	<±10% (Sr)		
Short Circuit Protection/ 短路保护	NO		
Material Active Face/ 感应面材质	POM		
Led Display/ Led显示	YES		

M12	M18	M18	M18
 Non-flush非齐平	 Flush齐平	 Non-flush非齐平	 Flush齐平
			
4/8mm	5/8mm	8/16mm	5/8mm
KT112-D04AA-JS12	KJ118-D05AA-J3	KT118-D08AA-J3	KJ118-D05AA-J335
KT112-D04AB-JS12	KJ118-D05AB-J3	KT118-D08AB-J3	KJ118-D05AB-J335
KT112-D08AA-JS12	KJ118-D08AA-J3	KT118-D16AA-J3	KJ118-D05AA-J335
KT112-D08AB-JS12	KJ118-D08AB-J3	KT118-D16AB-J3	KJ118-D05AB-J335
KT112-D04UA-DAS12	KJ118-D05UA-DA3	KT118-D08UA-DA3	KJ118-D05UA-DA335
KT112-D04UB-DAS12	KJ118-D05UB-DA3	KT118-D08UB-DA3	KJ118-D05UB-DA335
KT112-D08UA-DAS12	KJ118-D05UA-DA3	KT118-D16UA-DA3	KJ118-D08UA-DA335
KT112-D08UB-DAS12	KJ118-D05UB-DA3	KT118-D16UB-DA3	KJ118-D08UB-DA335
			
Technical Data技术参数	AC 交流		AC/DC 交/直流
Operating Voltage / 工作电压	90 ~250VAC		20 ~250VAC / 20-250VDC
No load current / 空载电流	<1.8mA		<2.5mA
Max. Load Current / 最大负载电流	400mA		200mA
Leakge Current / 漏电流	<1.8mA		<2.5mA
Surge current / 脉冲电流	5A (20ms)		2.2A for 20ms
Min. Load current / 最小负载电流	5mA		
VoltageDrop / 电压降	<8VAC AT 400mA		<10VAC, 8VDC
Switching frequency / 开关频率	25HZ		25HZ AC, 40HZ DC ,
Response Time / 响应时间	10ms /10ms		
Switching hysteresis/ 迟滞	<15% (Sr)		
Repeat Accuracy/ 重复精度	<±1.0% (Sr)		
Protection Category/ 防护等级	IP67		
Operating Temperature/ 工作温度	-25℃~+70℃		
Temperature drift/温度漂移	<±10% (Sr)		
Short Circuit Protection/ 短路保护	M12: NO; M18: YES		
Material Active Face/ 感应面材质	POM		
Led Display/ Led显示	YES		

Dimension 外径尺寸	M18	M18	M18
Mounting 安装方式	 Non-flush非齐平	 Flush齐平	 Non-flush非齐平
Product Photo 产品图片			
Sensing Distance Sn检测距离	8/16mm	5/8mm	8/16mm
AC 3 wire常开 (NO)	KT118-D08AA-J340	KJ118-D05AA-JS12	KT118-D08AA-JS12
AC 3 wire常闭 (NC)	KT118-D08AB-J340	KJ118-D05AB-JS12	KT118-D08AB- JS12
AC 3 wire常开 (NO)	KT118-D16AA-J340	KJ118-D08AA-JS12	KT118-D16AA- JS12
AC 3 wire常闭 (NC)	KT118-D16AB-J340	KJ118-D08AB-JS12	KT118-D16AB-JS12
AC 4 wire常开+常闭 (NO+NC)			
AC/DC 3 wire常开 (NO)	KT118-D08UA-DA340	KJ118-D05UA-DAS12	KT118-D08UA-D AS12
AC/DC 3 wire常闭 (NC)	KT118-D08UB-DA340	KJ118-D05UB-DAS12	KT118-D08UB-DAS12
AC/DC 3 wire常开 (NO)	KT118-D16UA-DA340	KJ118-D08UA-DAS12	KT118-D16UA-DAS12
AC/DC 3 wire常闭 (NC)	KT118-D16UB-DA340	KJ118-D08UB-DAS12	KT118-D16UB-D AS12
AC/DC 4 wire常开+常闭 (NO+NC)			
Machine Size Map 机械尺寸图			
Technical Data技术参数	AC 交流		AC/DC 交/直流
Operating Voltage / 工作电压	90~250VAC		20~250VAC / 20~250VDC
No load current / 空载电流	<1.8mA		<2.5mA
Max. Load Current / 最大负载电流	400mA		200mA
Leakge Current / 漏电流	<1.8mA		<2.5mA
Surge current/ 脉冲电流	5A(20ms)		2.2A for 20ms
Min. Load current / 最小负载电流	5mA		
VoltageDrop / 电压降	<8VAC AT 400mA		<10VAC, 8VDC
Switching frequency / 开关频率	25HZ		25HZ AC, 40HZ DC ,
Response Time / 响应时间	10ms /10ms		
Switching hysteresis / 迟滞	<15%(Sr)		
Repeat Accuracy/ 重复精度	<±1.0%(Sr)		
Protection Category / 防护等级	IP67		
Operating Temperature /工作温度	-25℃~+70℃		
Temperature drift/ 温度漂移	<±10%(Sr)		
Short Circuit Protection / 短路保护	YES		
Material Active Face/ 感应面材质	POM		
Led Display/ Led显示	YES		

M30	M30	M30	M30
 Flush齐平	 Non-flush非齐平	 Flush齐平	 Non-flush非齐平
			
10/16mm	15/25mm	10/16mm	15/25mm
KJ130-D10AA-J3	KT130-D15AA-J3	KJ130-D10AA-J340	KT130-D15AA-J345
KJ130-D10AB-J3	KT130-D15AB-J3	KJ130-D10AB-J340	KT130-D15AB-J345
KJ130-D16AA-J3	KT130-D25AA-J3	KJ130-D16AA-J340	KT130-D25AA-J345
KJ130-D16AB-J3	KT130-D25AB-J3	KJ130-D16AB-J340	KT130-D25AB-J345
KJ130-D16AC-J4	KT130-D25AC-J4	KJ130-D16AC-J440	KT130-D25AC-J445
KJ130-D10UA-DA3	KT130-D15UA-DA3	KJ130-D10UA-DA340	KT130-D15UA-DA345
KJ130-D10UB-DA3	KT130-D15UB-DA3	KJ130-D10UB-DA340	KT130-D15UB-DA345
KJ130-D16UA-DA3	KT130-D25UA-DA3	KJ130-D16UA-DA340	KT130-D25UA-DA345
KJ130-D16UB-DA3	KT130-D25UB-DA3	KJ130-D16UB-DA340	KT130-D25UB-DA345
			
Technical Data技术参数	AC 交流		AC/DC 交/直流
Operating Voltage / 工作电压	90~250VAC		20~250VAC / 20~250VDC
No load current / 空载电流	<1.8mA		<2.5mA
Max. Load Current / 最大负载电流	400mA		200mA
Leakge Current / 漏电流	<1.8mA		<2.5mA
Surge current/ 脉冲电流	5A(20ms)		2.2A for 20ms
Min. Load current / 最小负载电流	5mA		
VoltageDrop / 电压降	<8VAC AT 400mA		<10VAC, 8VDC
Switching frequency / 开关频率	25HZ		25HZ AC , 40HZ DC ,
Response Time / 响应时间	10ms /10ms		
Switching hysteresis / 迟滞	<15%(Sr)		
Repeat Accuracy/ 重复精度	<±1.0%(Sr)		
Protection Category / 防护等级	IP67		
Operating Temperature /工作温度	-25℃~+70℃		YES
Temperature drift/ 温度漂移	<±10%(Sr)		PBT
Short Circuit Protection / 短路保护	YES		
Material Active Face/ 感应面材质	POM		
Led Display/ Led显示	YES		

Dimension 外径尺寸	M30	M30	F40
Mounting 安装方式	 Flush齐平	 Non-flush非齐平	 Flush齐平
Product Photo 产品图片			
Sensing Distance Sn检测距离	10/16mm	15/25mm	15/20mm
AC 3 wire常开 (NO)	KJ130-D10AA-JS12	KT130-D15AA-JS12	KJ440-F15AA-J3
AC 3 wire常闭 (NC)	KJ130-D10AB-JS12	KT130-D15AB-JS12	KJ440-F15AB-J3
AC 3 wire常开 (NO)	KJ130-D16AA-JS12	KT130-D25AA-JS12	
AC 3 wire常闭 (NC)	KJ130-D16AB-JS12	KT130-D25AB-JS12	
AC 4 wire常开+常闭 (NO+NC)	KJ130-D16AC-JS12	KT130-D25AC-JS12	KJ440-F15AC-J4
AC/DC 3 wire常开 (NO)	KJ130-D10UA-DAS12	KT130-D15UA-DAS12	KJ440-F15UA-DA3
AC/DC 3 wire常闭 (NC)	KJ130-D10UB-DAS12	KT130-D15UB-DAS12	KJ440-F15UB-DA3
AC/DC 3 wire常开 (NO)	KJ130-D16UA-DAS12	KT130-D25UA-DAS12	KJ440-F20UA-DA3
AC/DC 3 wire常闭 (NC)	KJ130-D16UB-DAS12	KT130-D25UB-DAS12	KJ440-F20UB-DA3
AC/DC 4 wire常开+常闭 (NO+NC)			
Machine Size Map 机械尺寸图			
Technical Data技术参数	AC 交流		AC/DC 交/直流
Operating Voltage / 工作电压	90 ~250VAC		20 ~250VAC /20-250VDC
No load current / 空载电流	<1.8mA		<2.5mA
Max. Load Current/ 最大负载电流	400mA		200mA
Leakge Current / 漏电流	<1.8mA		<2.5mA
Surge current / 脉冲电流	5A (20ms)		2.2A for 20ms
Min. Load current / 最小负载电流	5mA		
VoltageDrop / 电压降	<8VAC AT 400mA		<10VAC, 8VDC
Switching frequency / 开关频率	25HZ		25HZ AC, 40HZ DC ,
Response Time / 响应时间	10ms		
Switching hysteresis/ 迟滞	<15% (Sr)		
Repeat Accuracy/ 重复精度	<±1.0% (Sr)		
Protection Category / 防护等级	IP67		
Operating Temperature/ 工作温度	-25℃~+70℃		
Temperature drift/温度漂移	<±10% (Sr)		
Short Circuit Protection/ 短路保护	YES		
Material Active Face/ 感应面材质	金属外壳:POM / 塑料外壳:PBT		
Led Display/ Led显示	YES		

F40	F40	F40	
 Non-flush非齐平	 Flush齐平	 Non-flush非齐平	
			
20/30mm	15/20mm	20/30mm	
KT430-F30AA-J3	KJ440-F15AA-JS12	KT440-F30AA-JS12	
KT430-F30AB-J3	KJ440-F15AB-JS12	KT440-F30AB-JS12	
KT430-F30AC-J4	KJ440-F15AC-JS12	KT440-F30AC-JS12	
KT430-F20UA-DA3	KJ440-F15UA-DAS12	KT440-F20UA-DAS12	
KT430-F20UB-DA3	KJ440-F15UB-DAS12	KT440-F20UB-DAS12	
KT430-F30UA-DA3	KJ440-F20UA-DAS12	KT440-F30UA-DAS12	
KT430-F30UB-DA3	KJ440-F20UB-DAS12	KT440-F30UB-DAS12	
			
Technical Data技术参数	AC 交流		AC/DC 交/直流
Operating Voltage / 工作电压	90 ~250VAC		20 ~250VAC / 20-250VDC
No load current / 空载电流	<1.8mA		<2.5mA
Max. Load Current/ 最大负载电流	400mA		200mA
Leakge Current / 漏电流	<1.8mA		<2.5mA
Surge current/ 脉冲电流	5A (20ms)		2.2A for 20ms
Min. Load current / 最小负载电流	5mA		
VoltageDrop / 电压降	<8VAC AT 400mA		<10VAC, 8VDC
Switching frequency / 开关频率	25HZ		25HZ AC, 40HZ DC ,
Response Time / 响应时间	10ms		
Switching hysteresis/ 迟滞	<15% (Sr)		
Repeat Accuracy/ 重复精度	<±1.0% (Sr)		
Protection Category / 防护等级	IP67		
Operating Temperature/ 工作温度	-25℃~+70℃		
Temperature drift/ 温度漂移	<±10% (Sr)		
Short Circuit Protection/ 短路保护	YES		
Material Active Face / 感应面材质	PBT		
Led Display/ Led显示	YES		

Capacitive Proximity Sensor

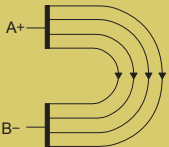
电容式接近传感器

电容式接近传感器可用无接触的方式来检测任意一个物体。电容式接近开关能检测金属物体，也能检测非金属物体，不管被检测物体颜色和表面状态如何，是否透明，都可以可靠检测灵敏度可调旋钮，对密闭的非金属容器内的液体、粉体等材料可进行间接检测。几乎可以识别所有的材料。

工作原理

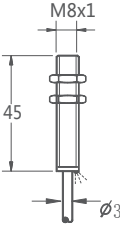
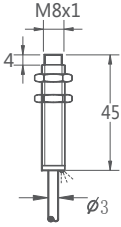
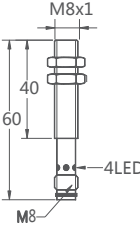
电容式接近开关亦属于一种具有开关量输出的位置传感器，首先需测量传感器感应面电极和电路电位电极之间的电容，一个接近的物体影响这个电容器两极之间的电场。该原理不仅适用于金属物，也适用于非金属物。

电容式传感器一般通过一个R C 振荡器工作，即使是一个很小的电容变化都会影响其振幅。然后集成电路将振幅转换成开关信号，其灵敏度可以通过电位器调节。

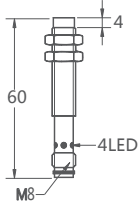
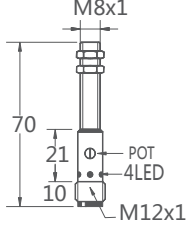
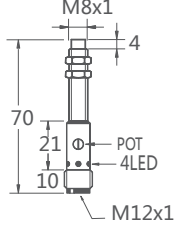


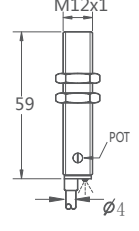
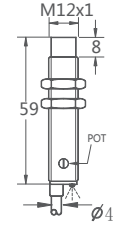
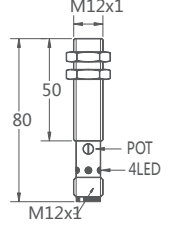
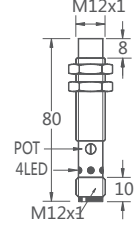
- 特别适用于：
- 食品
 - 包装
 - 农牧
 - 塑料工业
 - 木工
 - 化工
 - 半导体
 - 制药
 - 等……

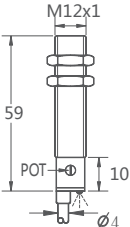
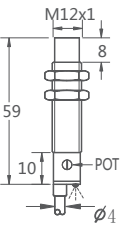
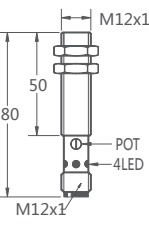
Dimension 外径尺寸	M8	M8	M8
Mounting 安装方式	 Flush齐平	 Non-flush非齐平	 Flush齐平
Product Photo 产品图片			
Sensing Distance Sn检测距离	1/2mm	2/4mm	1/2mm
DC 3 Wire NPN 常开 (NO)	LJ108-D01NA-D3	LT108-D02NA-D3	LJ108-D01NA-DS8
DC 3 Wire NPN 常闭 (NC)	LJ108-D01NB-D3	LT108-D02NB-D3	LJ108-D01NB-DS8
DC 3 Wire PNP 常开 (NO)	LJ108-D01PA-D3	LT108-D02PA-D3	LJ108-D01PA-DS8
DC 3 Wire PNP 常闭 (NC)	LJ108-D01PB-D3	LT108-D02PB-D3	LJ108-D01PB-DS8
DC 3 Wire NPN 常开 (NO)	LJ108-D02NA-D3	LT108-D04NA-D3	LJ108-D02NA-DS8
DC 3 Wire NPN 常闭 (NC)	LJ108-D02NB-D3	LT108-D04NB-D3	LJ108-D02NB-DS8
DC 3 Wire PNP 常开 (NO)	LJ108-D02PA-D3	LT108-D04PA-D3	LJ108-D02PA-DS8
DC 3 Wire PNP 常闭 (NC)	LJ108-D02PB-D3	LT108-D04PB-D3	LJ108-D02PB-DS8
DC 4 Wire NPN 常开+常闭 (NO+NC)			
DC 4 Wire PNP 常开+常闭 (NO+NC)			

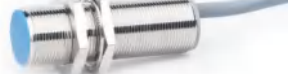
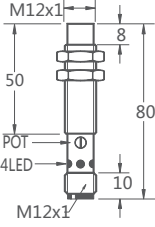
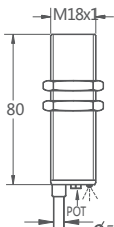
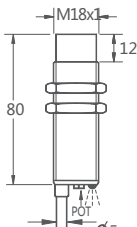
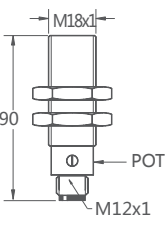
Machine Size Map 机械尺寸图			
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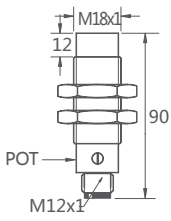
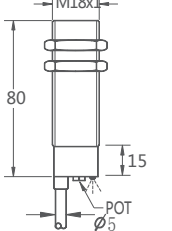
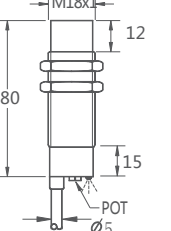
Technical Data技术参数	
Operating Voltage/ 工作电压	10~36VDC
Max. Ripple / 连波	<10%
No Load Current / 无负载电流	<10mA
Max. Load Current / 最大负载电流	200mA
Leakge Current / 漏电流	<0.01mA
VoltageDrop / 电压降	<2VDC
Switching Frequency / 开关频率	100HZ
Response Time / 响应时间	1.5ms / 1.5ms
Switching Hysteresis / 开关磁滞	<15% (Sr)
Repeat Accuracy/ 重复精度	< ± 5% (Sr)
Protection Category / 防护等级	IP67
Operating Temperature / 工作温度	-25℃~+70℃
Temperature Drift / 温度漂移	< ± 10% (Sr)
Short Circuit Protection / 短路保护	YES
Overload Trip Point / 过载保护	220mA
Material Active Face / 感应面材质	POM
Led Display / Led 显示	YES

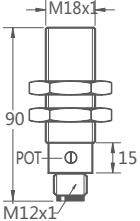
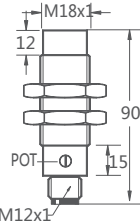
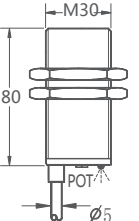
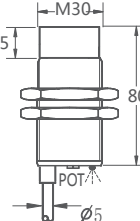
Dimension 外径尺寸	M8	M8	M8
Mounting 安装方式	 Non-flush非齐平	 Flush齐平	 Non-flush非齐平
Product Photo 产品图片			
Sensing Distance Sn检测距离	2/4mm	1/2mm	2/4mm
DC 3 Wire NPN 常开 (NO)	LT108 -D02NA-DS8	LJ108 -D01NA-DS12	LT108 -D02NA-DS12
DC 3 Wire NPN 常闭 (NC)	LT108 -D02NB-DS8	LJ108 -D01NB-DS12	LT108 -D02NB-DS12
DC 3 Wire PNP 常开 (NO)	LT108 -D02PA-DS8	LJ108 -D01PA-DS12	LT108 -D02PA-DS12
DC 3 Wire PNP 常闭 (NC)	LT108 -D02PB-DS8	LJ108 -D01PB-DS12	LT108 -D02PB-DS12
DC 3 Wire NPN 常开 (NO)	LT108 -D04NA-DS8	LJ108 -D02NA-DS12	LT108 -D04NA-DS12
DC 3 Wire NPN 常闭 (NC)	LT108 -D04NB-DS8	LJ108 -D02NB-DS12	LT108 -D04NB-DS12
DC 3 Wire PNP 常开 (NO)	LT108 -D04PA-DS8	LJ108 -D02PA-DS12	LT108 -D04PA-DS12
DC 3 Wire PNP 常闭 (NC)	LT108 -D04PB-DS8	LJ108 -D02PB-DS12	LT108 -D04PB-DS12
DC 4 Wire NPN 常开+常闭 (NO+NC)			
DC 4 Wire PNP 常开+常闭 (NO+NC)			
Machine Size Map 机械尺寸图			
Technical Data技术参数			
Operating Voltage / 工作电压	10~36VDC		
Max. Ripple / 连波	<10%		
No Load Current / 无负载电流	<10mA		
Max. Load Current / 最大负载电流	200mA		
Leakge Current / 漏电流	<0.01mA		
VoltageDrop / 电压降	<2VDC		
Switching Frequency / 开关频率	100HZ		
Response Time / 响应时间	1.5ms / 1.5ms		
Switching Hysteresis / 开关磁滞	<15%(Sr)		
Repeat Accuracy/ 重复精度	< ± 5%(Sr)		
Protection Category / 防护等级	IP67		
Operating Temperature/ 工作温度	-25℃~+70℃		
Temperature Drift / 温度漂移	< ± 10% (Sr)		
Short CircuitrPotection/ 短路保护	YES		
Overload TripPoint / 过载保护	220mA		
Material ActiveFace / 感应面材质	POM		
Led Display / Led 显示	YES		

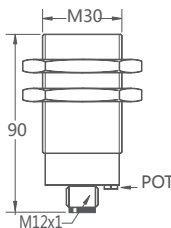
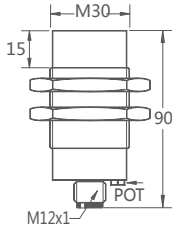
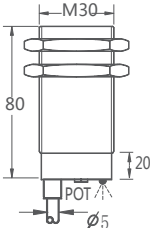
M12	M12	M12	M12
 Flush齐平	 Non-flush非齐平	 Flush齐平	 Non-flush非齐平
			
2/4mm	4/8mm	2/4mm	4/8mm
LJ112 -D02NA-D3	LT112 -D04NA-D3	LJ112 -D02NA-DS12	LT112 -D04NA-DS12
LJ112 -D02NB-D3	LT112 -D04NB-D3	LJ112 -D02NB-DS12	LT112 -D04NB-DS12
LJ112 -D02PA-D3	LT112 -D04PA-D3	LJ112 -D02PA-DS12	LT112 -D04PA-DS12
LJ112 -D02PB-D3	LT112 -D04PB-D3	LJ112 -D02PB-DS12	LT112 -D04PB-DS12
LJ112 -D04NA-D3	LT112 -D08NA-D3	LJ112 -D04NA-DS12	LT112 -D08NA-DS12
LJ112 -D04NB-D3	LT112 -D08NB-D3	LJ112 -D04NB-DS12	LT112 -D08NB-DS12
LJ112 -D04PA-D3	LT112 -D08PA-D3	LJ112 -D04PA-DS12	LT112 -D08PA-DS12
LJ112 -D04PB-D3	LT112 -D08PB-D3	LJ112 -D04PB-DS12	LT112 -D08PB-DS12
LJ112 -D04NC-D4	LT112 -D08NC-D4	LJ112 -D04NC-DS12	LT112 -D08NC-DS12
LJ112 -D04PC-D4	LT112 -D08PC-D4	LJ112 -D04PC-DS12	LT112 -D08PC-DS12
			
Technical Data技术参数			
Operating Voltage / 工作电压	10~36VDC		
Max. Ripple / 连波	<10%		
No Load Current / 无负载电流	<10mA		
Max. Load Current / 最大负载电流	200mA		
Leakge Current / 漏电流	<0.01mA		
VoltageDrop / 电压降	<2VDC		
Switching Frequency / 开关频率	100HZ		
Response Time / 响应时间	1.5ms / 1.5ms		
Switching Hysteresis / 开关磁滞	<15%(Sr)		
Repeat Accuracy/ 重复精度	< ± 5%(Sr)		
Protection Category / 防护等级	IP67		
Operating Temperature/ 工作温度	-25℃~+70℃		
Temperature Drift / 温度漂移	< ± 10% (Sr)		
Short Circuit Protection/ 短路保护	YES		
Overload Trip Point / 过载保护	220mA		
Material ActiveFace / 感应面材质	POM		
Led Display / Led 显示	YES		

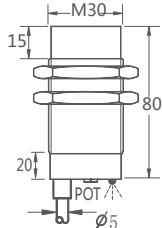
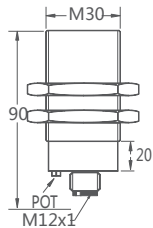
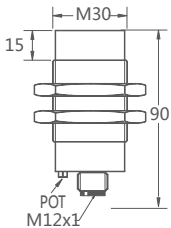
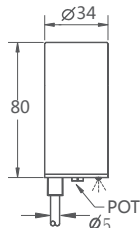
Dimension 外径尺寸	M12	M12	M12
Mounting 安装方式	 Flush齐平	 Non-flush非齐平	 Flush齐平
Product Photo 产品图片			
Sensing Distance Sn检测距离	2/4mm	4/8mm	2/4mm
DC 3 Wire NPN常开 (NO)	LJ412-D02NA-D3	LT412-D04NA-D3	LJ412-D02NA-DS12
DC 3 Wire NPN常闭 (NC)	LJ412-D02NB-D3	LT412-D04NB-D3	LJ412-D02NB-DS12
DC 3 Wire PNP常开 (NO)	LJ412-D02PA-D3	LT412-D04PA-D3	LJ412-D02PA-DS12
DC 3 Wire PNP常闭 (NC)	LJ412-D02PB-D3	LT412-D04PB-D3	LJ412-D02PB-DS12
DC 3 Wire NPN常开 (NO)	LJ412-D04NA-D3	LT412-D08NA-D3	LJ412-D04NA-DS12
DC 3 Wire NPN常闭 (NC)	LJ412-D04NB-D3	LT412-D08NB-D3	LJ412-D04NB-DS12
DC 3 Wire PNP常开 (NO)	LJ412-D04PA-D3	LT412-D08PA-D3	LJ412-D04PA-DS12
DC 3 Wire PNP常闭 (NC)	LJ412-D04PB-D3	LT412-D08PB-D3	LJ412-D04PB-DS12
DC 4 Wire NPN常开+常闭 (NO+NC)	LJ412-D04NC-D4	LT412-D08NC-D4	LJ412-D04NC-DS12
DC 4 Wire PNP常开+常闭 (NO+NC)	LJ412-D04PC-D4	LT412-D08PC-D4	LJ412-D04PC-DS12
Machine Size Map 机械尺寸图			
Technical Data技术参数			
Operating Voltage / 工作电压	10-36VDC		
Max. Ripple / 连波	<10%		
No Load Current / 无负载电流	<10mA		
Max. Load Current / 最大负载电流	200mA		
Leakge Current / 漏电流	<0.01mA		
VoltageDrop / 电压降	<2VDC		
Switching Frequency / 开关频率	100HZ		
Response Time / 响应时间	1.5ms / 1.5ms		
Switching Hysteresis / 开关磁滞	<15%(Sr)		
Repeat Accuracy/ 重复精度	< ± 5%(Sr)		
Protection Category / 防护等级	IP67		
Operating Temperature/ 工作温度	-25℃+70℃		
Temperature Drift / 温度漂移	< ± 10% (Sr)		
Short Circuit Protection / 短路保护	YES		
Overload Trip Point / 过载保护	220mA		
MaterialActiveFace / 感应面材质	POM		
Led Display / Led显示	YES		

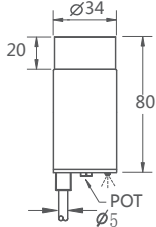
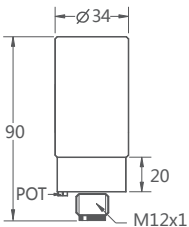
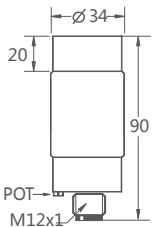
M12	M18	M18	M18
 Non-flush非齐平	 Flush齐平	 Non-flush非齐平	 Flush齐平
			
4/8mm	5/8mm 可调	8/16mm 可调	5/8mm 可调
LT412-D06NA-DS12	LJ118-D05NA-D3	LT118-D08NA-D3	LJ118-D05NA-DS12
LT412-D06NB-DS12	LJ118-D05NB-D3	LT118-D08NB-D3	LJ118-D05NB-DS12
LT412-D06PA-DS12	LJ118-D05PA-D3	LT118-D08PA-D3	LJ118-D05PA-DS12
LT412-D06PB-DS12	LJ118-D05PB-D3	LT118-D08PB-D3	LJ118-D05PB-DS12
LT412-D08NA-DS12	LJ118-D08NA-D3	LT118-D16NA-D3	LJ118-D08NA-DS12
LT412-D08NB-DS12	LJ118-D08NB-D3	LT118-D16NB-D3	LJ118-D08NB-DS12
LT412-D08PA-DS12	LJ118-D08PA-D3	LT118-D16PA-D3	LJ118-D08PA-DS12
LT412-D08PB-DS12	LJ118-D08PB-D3	LT118-D16PB-D3	LJ118-D08PB-DS12
LT412-D08NC-DS12	LJ118-D08NC-D4	LT118-D16NC-D4	LJ118-D08NC-DS12
LT412-D08PC-DS12	LJ118-D08PC-D4	LT118-D16PC-D4	LJ118-D08PC-DS12
			
Technical Data技术参数			
Operating Voltage / 工作电压	10-36VDC		
Max. Ripple / 连波	<10%		
No Load Current / 无负载电流	<10mA		
Max. Load Current / 最大负载电流	200mA		
Leakge Current / 漏电流	<0.01mA		
VoltageDrop / 电压降	<2VDC		
Switching Frequency / 开关频率	100HZ		
Response Time / 响应时间	1.5ms / 1.5ms		
Switching Hysteresis / 开关磁滞	<15%(Sr)		
Repeat Accuracy/ 重复精度	< ± 5% (Sr)		
Protection Category / 防护等级	IP67		
Operating Temperature/ 工作温度	-25℃+70℃		
Temperature Drift / 温度漂移	< ± 10% (Sr)		
Short Circuit Protection / 短路保护	YES		
Overload Trip Point / 过载保护	220mA		
MaterialActiveFace / 感应面材质	金属外壳:POM / 塑料外壳:PBT		
Led Display / Led显示	YES		

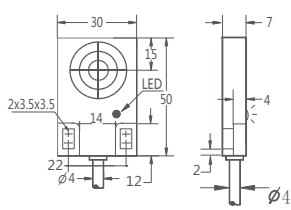
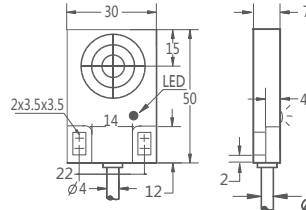
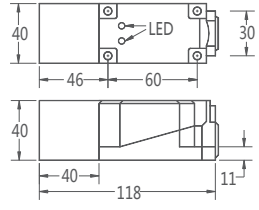
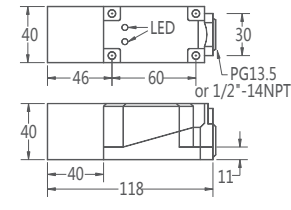
Dimension 外径尺寸	M18	M18	M18
Mounting 安装方式	 Non-flush非齐平	 Flush齐平	 Non-flush非齐平
Product Photo 产品图片			
Sensing Distance Sn检测距离	8/16mm 可调	5/8mm 可调	8/16mm 可调
DC 3 Wire NPN常开 (NO)	LT118-D08NA-DS12	LJ418-D05NA-D3	LT418-D08NA-D3
DC 3 Wire NPN常闭 (NC)	LT118-D08NB-DS12	LJ418-D05NB-D3	LT418-D08NB-D3
DC 3 Wire PNP常开 (NO)	LT118-D08PA-DS12	LJ418-D05PA-D3	LT418-D08PA-D3
DC 3 Wire PNP常闭 (NC)	LT118-D08PB-DS12	LJ418-D05PB-D3	LT418-D08PB-D3
DC 3 Wire NPN常开 (NO)	LT118-D16NA-DS12	LJ418-D08NA-D3	LT418-D16NA-D3
DC 3 Wire NPN常闭 (NC)	LT118-D16NB-DS12	LJ418-D08NB-D3	LT418-D16NB-D3
DC 3 Wire PNP常开 (NO)	LT118-D16PA-DS12	LJ418-D08PA-D3	LT418-D16PA-D3
DC 3 Wire PNP常闭 (NC)	LT118-D16PB-DS12	LJ418-D08PB-D3	LT418-D16PB-D3
DC 4 Wire NPN常开+常闭 (NO+NC)	LT118-D16NC-DS12	LJ418-D08NC-D4	LT418-D16NC-D4
DC 4 Wire PNP常开+常闭 (NO+NC)	LT118-D16PC-DS12	LJ418-D08PC-D4	LT418-D16PC-D4
Machine Size Map 机械尺寸图			
Technical Data技术参数			
Operating Voltage / 工作电压	10-36VDC		
Max. Ripple / 连波	<10%		
No Load Curent / 无负载电流	<10mA		
Max.Load Current / 最大负载电流	200mA		
Leakge Current / 漏电流	<0.01mA		
VoltageDrop / 电压降	<2VDC		
Switching Frequency / 开关频率	100HZ		
Response Time / 响应时间	1.5ms / 1.5ms		
Switching Hysteresis / 开关磁滞	<15%(Sr)		
Repeat Accuracy / 重复精度	< ± 5%(Sr)		
Protection Category / 防护等级	IP67		
Operating Temperature/工作温度	-25℃-+70℃		
Temperature Drift / 温度漂移	< ± 10% (Sr)		
Short Circuit Prectionot/ 短路保护	YES		
Overload Trip Point / 过载保护	220mA		
MaterialActiveFace / 感应面材质	金属外壳:POM / 塑料外壳:PBT		
Led Display / Led显示	YES		

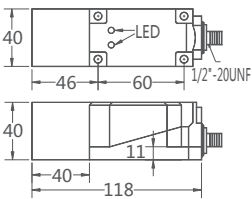
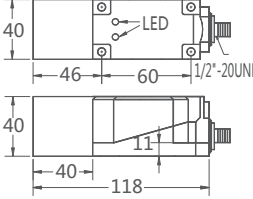
M18	M18	M30	M30
 Flush齐平	 Non-flush非齐平	 Flush齐平	 Non-flush非齐平
			
5/8mm 可调	8/16mm 可调	10/20mm 可调	15/30mm 可调
LJ418-D05NA-DS12	LT418-D08NA-DS12	LJ130-D10NA-D3	LT130-D15NA-D3
LJ418-D05NB-DS12	LT418-D08NB-DS12	LJ130-D10NB-D3	LT130-D15NB-D3
LJ418-D05PA-DS12	LT418-D08PA-DS12	LJ130-D10PA-D3	LT130-D15PA-D3
LJ418-D05PB-DS12	LT418-D08PB-DS12	LJ130-D10PB-D3	LT130-D15PB-D3
LJ418-D08NA-DS12	LT418-D16NA-DS12	LJ130-D20NA-D3	LT130-D30NA-D3
LJ418-D08NB-DS12	LT418-D16NB-DS12	LJ130-D20NB-D3	LT130-D30NB-D3
LJ418-D08PA-DS12	LT418-D16PA-DS12	LJ130-D20PA-D3	LT130-D30PA-D3
LJ418-D08PB-DS12	LT418-D16PB-DS12	LJ130-D20PB-D3	LT130-D30PB-D3
LJ418-D08NC-DS12	LT418-D16NC-DS12	LJ130-D20NC-D4	LT130-D30NC-D4
LJ418-D08PC-DS12	LT418-D16PC-DS12	LJ130-D20PC-D4	LT130-D30PC-D4
			
Technical Data技术参数			
Operating Voltage / 工作电压	10-36VDC		
Max. Ripple / 连波	<10%		
No Load Current / 无负载电流	<10mA		
Max. Load Current / 最大负载电流	200mA		
Leakge Current / 漏电流	<0.01mA		
VoltageDrop / 电压降	<2VDC		
Switching Frequency / 开关频率	100HZ		
Response Time / 响应时间	1.5ms / 1.5ms		
Switching Hysteresis / 开关磁滞	<15%(Sr)		
Repeat Accuracy/ 重复精度	< ± 5%(Sr)		
Protection Category / 防护等级	IP67		
Operating Temperature/工作温度	-25℃-+70℃		
Temperature Drift / 温度漂移	< ± 10% (Sr)		
Short Circuit Protection/ 短路保护	YES		
Overload Trip Point / 过载保护	220mA		
MaterialActiveFace / 感应面材质	金属外壳:POM / 塑料外壳:PBT		
Led Display / Led显示	YES		

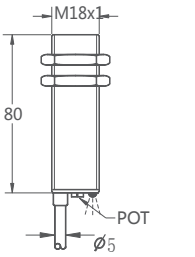
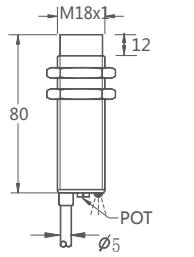
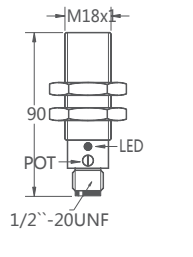
Dimension 外径尺寸	M30	M30	M30
Mounting 安装方式	 Flush齐平	 Non-flush非齐平	 Flush齐平
Product Photo 产品图片			
Sensing Distance Sn检测距离	10/20mm 可调	15/30mm 可调	10/25mm 可调
DC 3 Wire NPN常开 (NO)	LJ130-D10NA-DS12	LT130-D15NA-DS12	LJ430-D10NA-D3
DC 3 Wire NPN常闭 (NC)	LJ130-D10NB-DS12	LT130-D15NB-DS12	LJ430-D10NB-D3
DC 3 Wire PNP常开 (NO)	LJ130-D10PA-DS12	LT130-D15PA-DS12	LJ430-D10PA-D3
DC 3 Wire PNP常闭 (NC)	LJ130-D10PB-DS12	LT130-D15PB-DS12	LJ430-D10PB-D3
DC 3 Wire NPN常开 (NO)	LJ130-D20NA-DS12	LT130-D30NA-DS12	LJ430-D25NA-D3
DC 3 Wire NPN常闭 (NC)	LJ130-D20NB-DS12	LT130-D30NB-DS12	LJ430-D25NB-D3
DC 3 Wire PNP常开 (NO)	LJ130-D20PA-DS12	LT130-D30PA-DS12	LJ430-D25PA-D3
DC 3 Wire PNP常闭 (NC)	LJ130-D20PB-DS12	LT130-D30PB-DS12	LJ430-D25PB-D3
DC 4 Wire NPN常开+常闭 (NO+NC)	LJ130-D20NC-DS12	LT130-D30NC-DS12	LJ430-D25NC-D4
DC 4 Wire PNP常开+常闭 (NO+NC)	LJ130-D20PC-DS12	LT130-D30PC-DS12	LJ430-D25PC-D4
Machine Size Map 机械尺寸图			
Technical Data技术参数			
Operating Voltage / 工作电压	10-36VDC		
Max. Ripple / 连波	<10%		
No Load Current / 无负载电流	<10mA		
Max. Load Current / 最大负载电流	200mA		
Leakge Current / 漏电流	<0.01mA		
VoltageDrop / 电压降	<2VDC		
Switching Frequency / 开关频率	100HZ		
Response Time / 响应时间	1.5ms / 1.5ms		
Switching Hysteresis / 开关磁滞	<15%(Sr)		
Repeat Accuracy/ 重复精度	< ± 5%(Sr)		
Protection Category/ 防护等级	IP67		
Operating Temperature/ 工作温度	-25℃-+70℃		
Temperature Drift / 温度漂移	< ± 10% (Sr)		
Short Circuit Protection/ 短路保护	YES		
Overload Trip Point / 过载保护	220mA		
Material ActiveFace / 感应面材质	PBT		
Led Display / Led显示	YES		

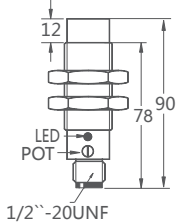
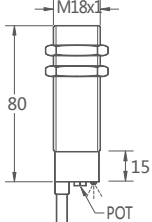
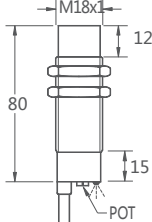
M30	M30	M30	Φ34
 Non-flush非齐平	 Flush齐平	 Non-flush非齐平	 Flush齐平
			
15/30mm 可调	10/25mm 可调	15/30mm 可调	20mm 可调
LT430-D15NA-D3	LJ430-D10NA-DS12	LT430-D15NA-DS12	LJ434-W20NA-D3
LT430-D15NB-D3	LJ430-D10NB-DS12	LT430-D15NB-DS12	LJ434-W20NB-D3
LT430-D15PA-D3	LJ430-D10PA-DS12	LT430-D15PA-DS12	LJ434-W20PA-D3
LT430-D15PB-D3	LJ430-D10PB-DS12	LT430-D15PB-DS12	LJ434-W20PB-D3
LT430-D30NA-D3	LJ430-D25NA-DS12	LT430-D30NA-DS12	
LT430-D30NB-D3	LJ430-D25NB-DS12	LT430-D30NB-DS12	
LT430-D30PA-D3	LJ430-D25PA-DS12	LT430-D30PA-DS12	
LT430-D30PB-D3	LJ430-D25PB-DS12	LT430-D30PB-DS12	
LT430-D30NC-D4	LJ430-D25NC-DS12	LT430-D30NC-DS12	LJ434-W20NC-D4
LT430-D30PC-D4	LJ430-D25PC-DS12	LT430-D30PC-DS12	LJ434-W20P C-D4
			
Technical Data技术参数			
Operating Voltage / 工作电压	10-36VDC		
Max. Ripple / 连波	<10%		
No Load Current / 无负载电流	<10mA		
Max. Load Current / 最大负载电流	200mA		
Leakge Current / 漏电流	<0.01mA		
VoltageDrop / 电压降	<2VDC		
Switching Frequency / 开关频率	100HZ		
Response Time / 响应时间	1.5ms / 1.5ms		
Switching Hysteresis / 开关磁滞	<15%(Sr)		
Repeat Accuracy/ 重复精度	< ± 5%(Sr)		
Protection Category/ 防护等级	IP67		
Operating Temperature/ 工作温度	-25℃-+70℃		
Temperature Drift / 温度漂移	< ± 10% (Sr)		
Short Circuit Protection/ 短路保护	YES		
Overload Trip Point / 过载保护	220mA		
Material ActiveFace / 感应面材质	金属外壳:POM / 塑料外壳:PBT		
Led Display / Led显示	YES		

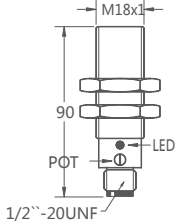
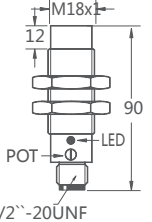
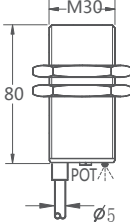
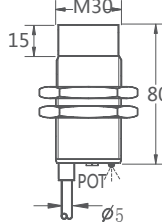
Dimension 外径尺寸	Φ34	Φ34	Φ34
Mounting 安装方式	 Non-flush非齐平	 Flush齐平	 Non-flush非齐平
Product Photo 产品图片			
Sensing Distance Sn检测距离	30mm 可调	20mm 可调	30mm 可调
DC 3 Wire NPN 常开 (NO)	LT434-W30NA-D3	LJ434-W20N1-DS12	LT434-W30NA-DS12
DC 3 Wire NPN 常闭 (NC)	LT434-W30NB-D3	LJ434-W20N2-DS12	LT434-W30NB-DS12
DC 3 Wire PNP 常开 (NO)	LT434-W30PA-D3	LJ434-W20P1-DS12	LT434-W30PA-DS12
DC 3 Wire PNP 常闭 (NC)	LT434-W30PB-D3	LJ434-W20P2-DS12	LT434-W30PB-DS12
DC 3 Wire NPN 常开 (NO)			
DC 3 Wire NPN 常闭 (NC)			
DC 3 Wire PNP 常开 (NO)			
DC 3 Wire PNP 常闭 (NC)			
DC 4 Wire NPN 常开+常闭 (NO+NC)	LT434-W30NC-D4	LJ434-W20NC-DS12	LT434-W30NC-DS12
DC 4 Wire PNP 常开+常闭 (NO+NC)	LT434-W30P C-D4	LJ434-W20PC-DS12	LT434-W30PC-DS12
Machine Size Map 机械尺寸图			
Technical Data技术参数			
Operating Voltage / 工作电压	10-36VDC		
Max. Ripple / 连波	<10%		
No Load Current / 无负载电流	<10mA		
Max. Load Curent / 最大负载电流	200mA		
Leakge Current / 漏电流	<0.01mA		
VoltageDrop / 电压降	<2VDC		
Switching Frequency / 开关频率	100HZ		
Response Time / 响应时间	1.5ms / 1.5ms		
Switching Hysteresis / 开关磁滞	<15%(Sr)		
Repeat Accuracy/ 重复精度	< ± 5%(Sr)		
Protection Category/ 防护等级	IP67		
Operating Temperature/ 工作温度	-25℃-+70℃		
Temperature Drift / 温度漂移	< ± 10% (Sr)		
Short Circuit Protection / 短路保护	YES		
Overload Trip Point / 过载保护	220mA		
Material ActiveFace / 感应面材质	金属外壳:POM / 塑料外壳:PBT		
Led Display / Led 显示	YES		

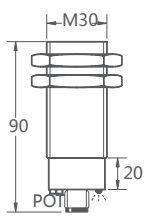
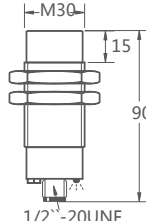
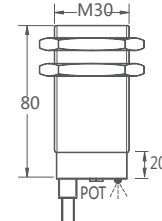
S30*50*7	S30*50*7	F40	F40
 Flush齐平	 Non-flush非齐平	 Flush齐平	 Non-flush非齐平
			
6mm 可调	10mm 可调	15mm	20-40mm
LJ430-Z06NA-D3	LT430-Z10NA-D3	LJ440-F15NA-D3	LT440-F20NA-D3
LJ430-Z06NB-D3	LT430-Z10NB-D3	LJ440-F15NB-D3	LT440-F20NB-D3
LJ430-Z06PA-D3	LT430-Z10PA-D3	LJ440-F15PA-D3	LT440-F20PA-D3
LJ430-Z06PB-D3	LT430-Z10PB-D3	LJ440-F15PB-D3	LT440-F20PB-D3
			LT440-F40NA-D3
			LT440-F40NB-D3
			LT440-F40PA-D3
			LT440-F40PB-D3
		LJ440-F15NC-D4	LT440-F40NC-D4
		LJ440-F15PC-D4	LT440-F40PC-D4
			
Technical Data技术参数			
Operating Voltage / 工作电压	10-36VDC		
Max. Ripple / 连波	<10%		
No Load Current / 无负载电流	<10mA		
Max. Load Current / 最大负载电流	200mA		
Leakge Current / 漏电流	<0.01mA		
VoltageDrop / 电压降	<2VDC		
Switching Frequency / 开关频率	100HZ		
Response Time / 响应时间	1.5ms / 1.5ms		
Switching Hystresis / 开关磁滞	<15%(Sr)		
Repeat Accuracy/ 重复精度	< ± 5%(Sr)		
Protection Category / 防护等级	IP67		
Operating Temperature / 工作温度	-25℃-+70℃		
Temperature Drift / 温度漂移	< ± 10% (Sr)		
Short Circuit Protection / 短路保护	YES		
Overload Trip Point / 过载保护	220mA		
Material Active Face / 感应面材质	PBT		
Led Display / Led 显示	YES		

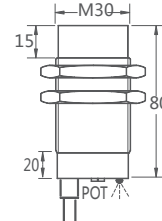
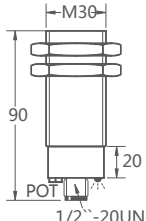
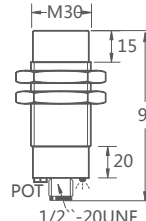
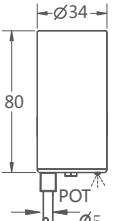
Dimension 外径尺寸	F40	F40	
Mounting 安装方式	 Flush齐平	 Non-flush非齐平	
Product Photo 产品图片			
Sensing Distance Sn检测距离	15mm	20~40mm	
DC 3 Wire NPN 常开 (NO)	LJ440-F15NA-DS12	LT440-F20N A-DS12	
DC 3 Wire NPN 常闭 (NC)	LJ440-F15NB-DS12	LT440-F20NB-DS12	
DC 3 Wire PNP 常开 (NO)	LJ440-F15PA-DS12	LT440-F20PA-DS12	
DC 3 Wire PNP 常闭 (NC)	LJ440-F15PB-DS12	LT440-F20PB-DS12	
DC 3 Wire NPN 常开 (NO)		LT440-F40NA-DS12	
DC 3 Wire NPN 常闭 (NC)		LT440-F40NB-DS12	
DC 3 Wire PNP 常开 (NO)		LT440-F40PA-DS12	
DC 3 Wire PNP 常闭 (NC)		LT440-F40PB-DS12	
DC 4 Wire NPN 常开+常闭 (NO+NC)	LJ440-F15NC-DS12	LT440-F40NC-DS12	
DC 4 Wire PNP 常开+常闭 (NO+NC)	LJ440-F15PC-DS12	LT440-F40PC-DS12	
Machine Size Map 机械尺寸图			
Technical Data技术参数			
Operating Voltage / 工作电压	10~36VDC		
Max. Ripple / 连波	<10%		
No Load Current / 无负载电流	<10mA		
Max. Load Current / 最大负载电流	200mA		
Leakge Current / 漏电流	<0.01mA		
VoltageDrop / 电压降	<2VDC		
Switching Frequency / 开关频率	100HZ		
Response Time / 响应时间	1.5ms / 1.5ms		
Switching Hysteresis / 开关磁滞	<15%(Sr)		
Repeat Accuracy / 重复精度	< ± 5%(Sr)		
Protection Category / 防护等级	IP67		
Operating Temperature/ 工作温度	-25℃~+70℃		
Temper ature Drift / 温度漂移	< ± 10% (Sr)		
Short Circuit Protection / 短路保护	YES		
Overload Trip Point / 过载保护	220mA		
Material Active Face / 感应面材质	PBT		
Led Display / Led 显示	YES		

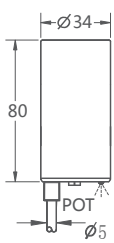
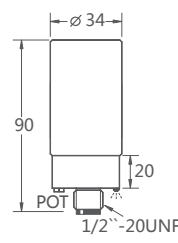
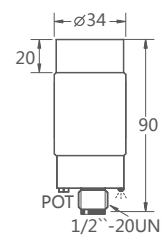
Dimension 外径尺寸	M18	M18	M18
Mounting 安装方式	 Flush齐平	 Non-flush非齐平	 Flush齐平
Product Photo 产品图片			
Sensing Distance Sn检测距离	5/8mm 可调	8/16 可调	5/8mm 可调
AC 3 wire常开 (NO)	LJ118-D08AA-J3	LT118-D16AA-J3	LJ118-D08AA-JS12
AC 3 wire常闭 (NC)	LJ118-D08AB-J3	LT118-D16AB-J3	LJ118-D08AB-JS12
AC 4 wire常开+常闭 (NO+NC)			
AC/DC 3 wire常开 (NO)	LJ118-D08UA-DA3	LT118-D16UA-DA3	LJ118-D08UA-DAS12
AC/DC 3 wire常闭 (NC)	LJ118-D08UB-DA3	LT118-D16UB-DA3	LJ118-D08UB-DAS12
AC/DC 4 wire常开+常闭 (NO+NC)			
Machine Size Map 机械尺寸图			
Technical Data技术参数	AC 交流	AC/DC 交/直流	
Operating Voltage / 工作电压	90~250VAC	20~250VAC ; 20~250VDC	
Max. Ripple / 连波	-	DC RIPPLE<10%	
No Load Current / 无负载电流	<2.5mA	<2.5mA	
Max. Load Current / 最大负载电流	400mA	200mA	
Leakge Current / 漏电流	<2.5mA	<2.5mA	
Surge current/ 脉冲电流	5A	2.2A for20ms	
Min. Load current / 最小负载电流	5mA	5mA	
VoltageDrop / 电压降	<9VAC AT 300mA	≤10VAC ; ≤8VDC	
Switching Frequency / 开关频率	25HZ	25Hz AC ; 40Hz DC	
Response Time / 响应时间	10ms/10ms	10ms/10ms	
Switching Hysteresis / 开关磁滞	<15%(Sr)	1%-15% of Sensing Range	
Repeat Accuracy / 重复精度	< ± 5%(Sr)	< ± 1%(Sr)	
Protection Category / 防护等级	IP67	IP67	
Operating Temperature/ 工作温度	-25℃~+70℃	-25℃~+75℃	
Temperature Drift / 温度漂移	< ± 10% (Sr)	< ± 15% of Sensing Range	
Material Active Face / 感应面材质	POM	POM	
Led Display / Led 显示	YES	YES	
Short Circuit Protection/ 短路保护	NO	NO	

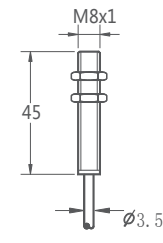
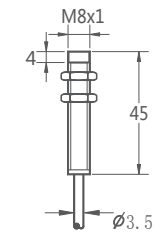
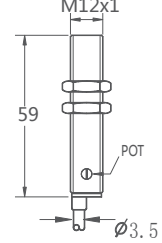
Dimension 外径尺寸	M18	M18	M18
Mounting 安装方式	 Non-flush非齐平	 Flush齐平	 Non-flush非齐平
Product Photo 产品图片			
Sensing Distance Sn检测距离	8/16mm 可调	5/8mm 可调	8/16mm 可调
AC 3 wire常开 (NO)	LT118-D16AA-JS12	LJ418-D08AA-J3	LT418-D16AA-J3
AC 3 wire常闭 (NC)	LT118-D16AB-JS12	LJ418-D08AB-J3	LT418-D16AB-J3
AC 4 wire常开+常闭 (NO+NC)			
AC/DC 3 wire常开 (NO)	LT118-D16UA-DAS12	LJ418-D08UA-DA3	LT418-D16UA-DA3
AC/DC 3 wire常闭 (NC)	LT118-D16UB-DAS12	LJ418-D08UB-DA3	LT418-D16UB-DA3
AC/DC 4 wire常开+常闭 (NO+NC)			
Machine Size Map 机械尺寸图			
Technical Data技术参数	AC 交流		AC/DC 交/直流
Operating Voltage / 工作电压	90~250VAC		20~250VAC ; 20~250VDC
Max. Ripple / 连波	-		DC RIPPLE<10%
No Load Current / 无负载电流	<2.5mA		<2.5mA
Max. Load Current / 最大负载电流	400mA		200mA
Leakge Current / 漏电流	<2.5mA		<2.5mA
Surge current/ 脉冲电流	5A		2.2A for20ms
Min. Load current / 最小负载电流	5mA		5mA
VoltageDrop / 电压降	<9VAC AT 300mA		≤10VAC ; ≤8VDC
Switching Frequency / 开关频率	25HZ		25Hz AC ; 40Hz DC
Response Time / 响应时间	10ms/10ms		10ms/10ms
Switching Hysteresis / 开关磁滞	<15%(Sr)		1%-15% of Sensing Range
Repeat Accuracy/ 重复精度	< ± 5%(Sr)		< ± 1%(Sr)
Protection Category/ 防护等级	IP67		IP67
Operating Temperature/ 工作温度	-25℃~+70℃		-25℃~+75℃
Temperature Drift / 温度漂移	< ± 10% (Sr)		< ± 15% of Sensing Range
Material Active Face / 感应面材质	金属外壳:POM / 塑料外壳:PBT		金属外壳:POM / 塑料外壳:PBT
Led Display / Led 显示	YES		YES
Short Circuit Protection/ 短路保护	NO		NO

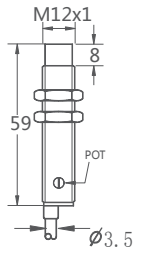
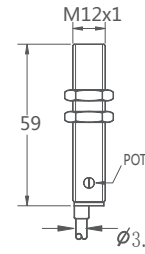
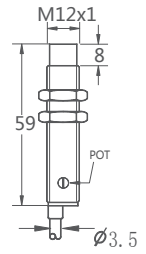
M18	M18	M30	M30
 Flush齐平	 Non-flush非齐平	 Flush齐平	 Non-flush非齐平
			
5/8mm 可调	8/16mm 可调	10/20mm 可调	15/30mm 可调
LJ418-D08AA-JS12	LT418-D16AA-JS12	LJ130-D20AA-J3	LT130-D30AA-J3
LJ418-D08AB-JS12	LT418-D16AB-JS12	LJ130-D20AB-J3	LT130-D30AB-J3
LJ418-D08UA-DAS12	LT418-D16UA-DAS12	LJ130-D20UA-DA3	LT130-D30UA-DA3
LJ418-D08UB-DAS12	LT418-D16UB-DAS12	LJ130-D20UB-DA3	LT130-D30UB-DA3
			
Technical Data技术参数	AC 交流		AC/DC 交/直流
Operating Voltage / 工作电压	90~250VAC		20~250VAC ; 20~250VDC
Max. Ripple / 连波	-		DC RIPPLE<10%
No Load Current / 无负载电流	<2.5mA		<2.5mA
Max. Load Current / 最大负载电流	400mA		200mA
Leakge Current / 漏电流	<2.5mA		<2.5mA
Surge current/ 脉冲电流	5A		2.2A for20ms
Min. Load current / 最小负载电流	5mA		5mA
VoltageDrop / 电压降	<9VAC AT 300mA		≤10VAC ; ≤8VDC
Switching Frequency / 开关频率	25HZ		25Hz AC ; 40Hz DC
Response Time / 响应时间	10ms/10ms		10ms/10ms
Switching Hysteresis / 开关磁滞	<15%(Sr)		1%-15% of Sensing Range
Repeat Accuracy/ 重复精度	< ± 5%(Sr)		< ± 1%(Sr)
Protection Category/ 防护等级	IP67		IP67
Operating Temperature/ 工作温度	-25℃~+70℃		-25℃~+75℃
Temperature Drift / 温度漂移	< ± 10% (Sr)		< ± 15% of Sensing Range
Material Active Face / 感应面材质	金属外壳:POM / 塑料外壳:PBT		金属外壳:POM / 塑料外壳:PBT
Led Display / Led 显示	YES		YES
Short Circuit Protection/ 短路保护	M18 :NO ; M30:YES		M18 :NO ; M30:YES

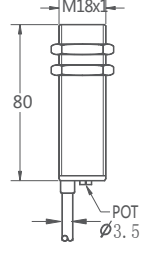
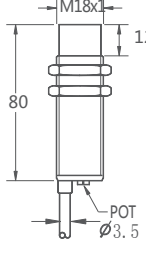
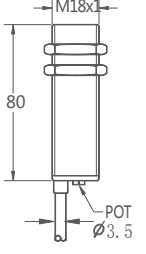
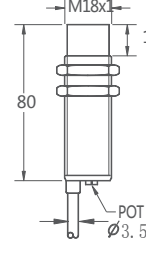
Dimension 外径尺寸	M30	M30	M30
Mounting 安装方式	 Flush齐平	 Non-flush非齐平	 Flush齐平
Product Photo 产品图片			
Sensing Distance Sn检测距离	10/20mm	15/30mm	10/20mm
AC 3 wire常开 (NO)	LJ130-D20AA-JS12	LT130-D30AA-JS12	LJ430-D20AA-J3
AC 3 wire常闭 (NC)	LJ130-D20AB-JS12	LT130-D30AB-JS12	LJ430-D20AB-J3
AC 4 wire常开+常闭 (NO+NC)			
AC/DC 3 wire常开 (NO)	LJ130-D20UB-DAS12	LT130-D30UA-DAS12	LJ430-D20UA-DA3
AC/DC 3 wire常闭 (NC)	LJ130-D20UB-DAS12	LT130-D30UB-DAS12	LJ430-D20UB-DA3
AC/DC 4 wire常开+常闭 (NO+NC)			
Machine Size Map 机械尺寸图			
Technical Data技术参数	AC 交流		AC/DC 交/直流
Operating Voltage / 工作电压	90-250VAC		20-250VAC ; 20-250VDC
Max. Ripple / 连波	-		DC RIPPLE<10%
No Load Current / 无负载电流	<2.5mA		<2.5mA
Max. Load Current / 最大负载电流	400mA		200mA
Leakge Current / 漏电流	<2.5mA		<2.5mA
Surge current/ 脉冲电流	5A		2.2A for20ms
Min. Load current / 最小负载电流	5mA		5mA
VoltageDrop / 电压降	<9VAC AT 300mA		≤10VAC ; ≤8VDC
Switching Frequency / 开关频率	25HZ		25Hz AC; 40Hz DC
Response Time / 响应时间	10ms/10ms		10ms/10ms
Switching Hysteresis / 开关磁滞	<15%(Sr)		1%-15% of Sensing Range
Repeat Accuracy/ 重复精度	< ± 5%(Sr)		< ± 1%(Sr)
Protection Category/ 防护等级	IP67		IP67
Operating Temperature / 工作温度	-25℃--+70℃		-25℃--+75℃
Temperature Drift / 温度漂移	< ± 10% (Sr)		< ± 15% of Sensing Range
Material Active Face / 感应面材质	金属外壳:POM / 塑料外壳:PBT		金属外壳:POM / 塑料外壳:PBT
Led Display / Led 显示	YES		YES
Short Circuit Protection/ 短路保护	YES		YES

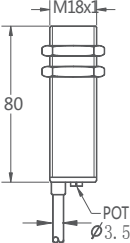
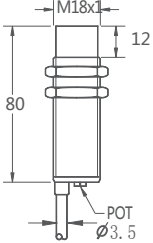
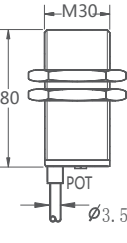
M30	M30	M30	Φ34
 Non-flush非齐平	 Flush齐平	 Non-flush非齐平	 Flush齐平
			
15/30mm	10/20mm	15/30mm	20mm
LT430-D30AA-J3	LJ430-D20AA-JS12	LT430-D30AA-JS12	LJ434-W20AA-J3
LT430-D30AB-J3	LJ430-D20AB-JS12	LT430-D30AB-JS12	LJ434-W20AB-J3
LT430-D30UA-DA3	LJ430-D20UA-DAS12	LT430-D30UA-DAS12	LJ434-W20UA-DA3
LT430-D30UB-DA3	LJ430-D20UB-DAS12	LT430-D30UB-DAS12	LJ434-W20UB-DA3
			
Technical Data技术参数	AC 交流		AC/DC 交/直流
Operating Voltage / 工作电压	90-250VAC		20-250VAC ; 20-250VDC
Max. Ripple / 连波	-		DC RIPPLE<10%
No Load Current / 无负载电流	<2.5mA		<2.5m A
Max. Load Current / 最大负载电流	400mA		200mA
Leakge Current / 漏电流	<2.5mA		<2.5mA
Surge current/ 脉冲电流	5A		2.2A for20ms
Min. Load current / 最小负载电流	5mA		5mA
VoltageDrop / 电压降	<9VAC AT 300mA		≤10VAC ; ≤8VDC
Switching Frequency / 开关频率	25HZ		25Hz AC; 40Hz DC
Response Time / 响应时间	10ms/10ms		10ms/10ms
Switching Hysteresis / 开关磁滞	<15%(Sr)		1%-15% of Sensing Range
Repeat Accuracy/ 重复精度	< ± 5%(Sr)		< ± 1%(Sr)
Protection Category / 防护等级	IP67		IP67
Operating Temperature / 工作温度	-25℃--+70℃		-25℃--+75℃
Temperature Drift / 温度漂移	< ± 10% (Sr)		< ± 15% of Sensing Range
Material Active Face / 感应面材质	PBT		PBT
Led Display / Led 显示	YES		YES
Short Circuit Protection/ 短路保护	YES		YES

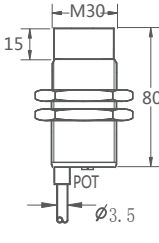
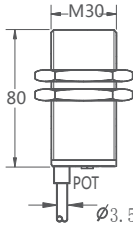
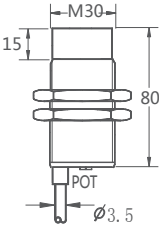
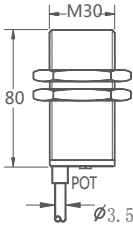
Dimension 外径尺寸	Φ34	Φ34	Φ34
Mounting 安装方式	 Non-flush非齐平	 Flush齐平	 Non-flush非齐平
Product Photo 产品图片			
Sensing Distance Sn检测距离	30mm	20mm	30mm
AC 3 wire常开 (NO)	LT434-W30AA-J3	LT434-W20AA-J3	LT434-W30AA-JS12
AC 3 wire常闭 (NC)	LT434-W30AB-J3	LT434-W20AB-J3	LT434-W30AB-JS12
AC 4 wire常开+常闭 (NO+NC)			
AC/DC 3 wire常开 (NO)	LT434-W30UA-DA3	LT434-W20UA-DA3	LT434-W30UA-DAS12
AC/DC 3 wire常闭 (NC)	LT434-W30UB-DA3	LT434-W20UB-DA3	LT434-W30UB-DAS12
AC/DC 4 wire常开+常闭 (NO+NC)			
Machine Size Map 机械尺寸图			
Technical Data技术参数	AC 交流		AC/DC 交/直流
Operating Voltage / 工作电压	90-250VAC		20-250VAC ; 20-250VDC
Max. Ripple / 连波	-		DC RIPPLe<10%
No Load Current / 无负载电流	<2.5mA		<2.5m A
Max. Load Current / 最大负载电流	400mA		200mA
Leakge Current / 漏电流	<2.5mA		<2.5mA
Surge current/ 脉冲电流	5A		2.2A for20ms
Min. Load current / 最小负载电流	5mA		5mA
VoltageDrop / 电压降	<9VAC AT 300mA		≤10VAC ; ≤8VDC
Switching Frequency / 开关频率	25HZ		25Hz AC; 40Hz DC
Response Time / 响应时间	10ms/10ms		10ms/10ms
Switching Hysteresis / 开关磁滞	<15%(Sr)		1%-15% of Sensing Range
Repeat Accuracy/ 重复精度	< ± 5%(Sr)		< ± 1%(Sr)
Protection Category/ 防护等级	IP67		IP67
Operating Temperature / 工作温度	-25℃--+70℃		-25℃--+75℃
Temperature Drift / 温度漂移	< ± 10% (Sr)		< ± 15% of Sensing Range
Material Active Face / 感应面材质	PBT		PBT
Led Display / Led显示	YES		YES
Short Circuit Protection / 短路保护	NO		NO

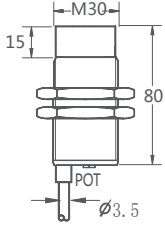
Dimension 外径尺寸	M8	M8	M12
Temperature 温度	-25℃+120℃	-25℃+120℃	-25℃+120℃
Mounting 安装方式	 Flush齐平	 Non-flush非齐平	 Flush齐平
Product Photo 产品图片			
Sensing Distance Sn检测距离	1mm	2mm	2/3mm 可调
DC 2 Wire 常开 (NO)			
DC 2 Wire 常闭 (NC)			
DC 3 WireNPN 常开 (NO)	LJ508-D01NA-D3120	LJ508-D02NA-D3120	LJ508-D03NA-D3120
DC 3 WireNPN 常闭 (NC)	LJ508-D01NB-D3120	LJ508-D02NB-D3120	LJ508-D03NB-D3120
DC 3 WirePNP 常开 (NO)	LJ508-D01PA-D3120	LJ508-D02PA-D3120	LJ508-D03PA-D3120
DC 3 WirePNP 常闭 (NC)	LJ508-D01PB-D3120	LJ508-D02PB-D3120	LJ508-D03PB-D3120
DC 4 WireNPN 常开+常闭 (NO+NC)			
DC 4 WirePNP 常开+常闭 (NO+NC)			
Machine Size Map 机械尺寸图			
Technical Data技术参数			
Operating Voltage / 工作电压	10-30VDC		
Max. Ripple / 连波	<10%		
No Load Current / 空载电流	<10mA		
Max. Load Current / 最大负载电流	200mA		
Leakge Current / 漏电流	<0.01mA		
VoltageDrop / 电压降	<2VDC		
Switching Frequency / 开关频率	100HZ		
Response Time / 响应时间	1.5ms/1.5ms		
Switching Hysteresis / 迟滞	<15%(Sr)		
Repeat Accuracy/ 重复精度	< ± 5%(Sr)		
Protection Category/ 防护等级	IP67		
Temperature Drift / 温度漂移	< ± 10%(Sr)		
Short Circuit Protection / 护保路短	YES		
Overlod TripPoint/ 过载保护电流	120mA		
Reverse Polarity Protect/ 反极性	YES		
Material Active Face / 感应面材质	PTFE（特氟龙）		
Led Display / Led显示	NO		

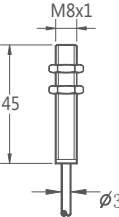
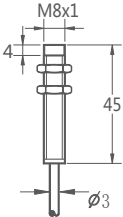
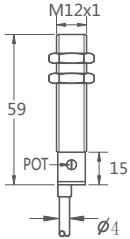
Dimension 外径尺寸	M12	M12	M12
Temperature 温度	-25℃+120℃	-25℃+150℃	-25℃+150℃
Mounting 安装方式	 Non-flush非齐平	 Flush齐平	 Non-flush非齐平
Product Photo 产品图片			
Sensing Distance Sn检测距离	4mm 可调	2mm 可调	4mm 可调
DC 2 Wire 常开 (NO)			
DC 2 Wire 常闭 (NC)			
DC 3 WireNPN 常开 (NO)	LT512-D04NA-D3120	LJ512-D02NA-D3150	LT512-D04NA-D3150
DC 3 WireNPN 常闭 (NC)	LT512-D04NB-D3120	LJ512-D02NB-D3150	LT512-D04NB-D3150
DC 3 WirePNP 常开 (NO)	LT512-D04PA-D3120	LJ512-D02PA-D3150	LT512-D04PA-D3150
DC 3 WirePNP 常闭 (NC)	LT512-D04PB-D3120	LJ512-D02PB-D3150	LT512-D04PB-D3150
DC 4 WireNPN 常开+常闭 (NO+NC)			
DC 4 WirePNP 常开+常闭 (NO+NC)			
Machine Size Map 机械尺寸图			
Technical Data技术参数			
Operating Voltage / 工作电压	10-36VDC		
Max. Ripple / 涟波	<10%		
No Load Current / 空载电流	<10mA		
Max. Load Current / 最大负载电流	200mA		
Leakge Current / 漏电流	<0. 01mA		
VoltageDrop / 电压降	<2VDC		
Switching Frequency / 开关频率	100HZ		
Response Time / 响应时间	1. 5ms/1. 5ms		
Switching Hysteresis / 迟滞	<15%(Sr)		
Repeat Accuracy/ 重复精度	< ± 5%(Sr)		
Protection Category / 防护等级	IP67		
Temperature Drift / 温度漂移	< ± 10%(Sr)		
Short Circuit Protection / 短路保护	YES		
Overlod Trip Point/ 过载保护电流	120mA		
Reverse Polarity Protect/ 反极性	YES		
Material Active Face / 感应面材质	PTFE（特氟龙）		
Led Display/ Led显示	NO		

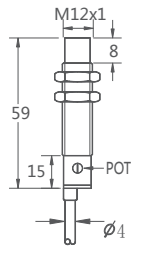
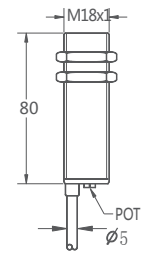
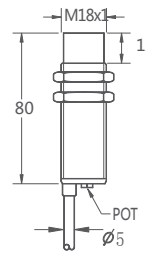
M18	M18	M18	M18
-25℃+120℃	-25℃+120℃	-25℃+150℃	-25℃+150℃
 Flush齐平	 Non-flush非齐平	 Flush齐平	 Non-flush非齐平
			
5mm 可调	8mm 可调	5mm 可调	8mm 可调
LJ518-D05NA-D3120	LT518-D08NA-D3120	LJ518-D05NA-D3150	LT518-D08NA-D3150
LJ518-D05NB-D3120	LT518-D08NB-D3120	LJ518-D05NB-D3150	LT518-D08NB-D3150
LJ518-D05PA-D3120	LT518-D08PA-D3120	LJ518-D05PA-D3150	LT518-D08PA-D3150
LJ518-D05PB-D3120	LT518-D08PB-D3120	LJ518-D05PB-D3150	LT518-D08PB-D3150
LJ518-D05NC-D4120	LT518-D08NC-D4120	LJ518-D05NC-D4150	LT518-D08NC-D4150
LJ518-D05PC-D4120	LT518-D08PC-D4120	LJ518-D05PC-D4150	LT518-D08PC-D4150
			
Technical Data技术参数			
Operating Voltage / 工作电压	10-36VDC		
Max. Ripple / 涟波	<10%		
No Load Current / 空载电流	<10mA		
Max. Load Current/ 最大负载电流	200mA		
Leakge Current / 漏电流	<0. 01mA		
VoltageDrop / 电压降	<2VDC		
Switching Frequency / 开关频率	100HZ		
Response Time / 响应时间	1. 5ms/1. 5ms		
Switching Hysteresis / 迟滞	<15%(Sr)		
Repeat Accuracy/ 重复精度	< ± 5%(Sr)		
Protection Category / 防护等级	IP67		
Temperature Drift / 温度漂移	< ± 10%(Sr)		
Short Circuit Protection / 短路保护	YES		
Overlod Trip Point/ 过载保护电流	150mA		
Reverse Polarity Protect/ 反极性	YES		
Material Active Face / 感应面材质	PTFE（特氟龙）		
Led Display/ Led显示	NO		

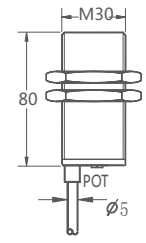
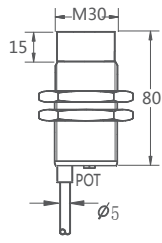
Dimension 外径尺寸	M18	M18	M30
Temperature 温度	-25℃+180℃	-25℃+180℃	-25℃+120℃
Mounting 安装方式	 Flush齐平	 Non-flush非齐平	 Flush齐平
Product Photo 产品图片			
Sensing Distance Sn检测距离	5mm 可调	8mm 可调	10mm 可调
DC 2 Wire 常开 (NO)			
DC 2 Wire 常闭 (NC)			
DC 3 WireNPN 常开 (NO)	LJ518-D05NA-D3180	LT518-D08NA-D3180	LJ530-D10NA-D3120
DC 3 WireNPN 常闭 (NC)	LJ518-D05NB-D3180	LT518-D085NB-D3180	LJ530-D10NB-D3120
DC 3 WirePNP 常开 (NO)	LJ518-D05PA-D3180	LT518-D08PA-D3180	LJ530-D10PA-D3120
DC 3 WirePNP 常闭 (NC)	LJ518-D05PB-D3180	LT518-D08PB-D3180	LJ530-D10PB-D3120
DC 4 WireNPN 常开+常闭 (NO+NC)	LJ518-D05NC-D4180	LT518-D08NC-D4180	LJ530-D10NC-D4120
DC 4 WirePNP 常开+常闭 (NO+NC)	LJ518-D05PC-D4180	LT518-D08PC-D4180	LJ530-D10PC-D4120
Machine Size Map 机械尺寸图			
Technical Data技术参数			
Operating Voltage / 工作电压	10-36VDC		
Max. Ripple / 涟波	<10%		
No Load Current / 空载电流	<10mA		
Max. Load Current / 最大负载电流	200mA		
Leakge Current / 漏电流	<0. 01mA		
VoltageDrop / 电压降	<2VDC		
Switching Frequency / 开关频率	100HZ		
Response Time / 响应时间	1. 5ms/1. 5ms		
Switching Hysteresis / 迟滞	<15%(Sr)		
Repeat Accuracy / 重复精度	< ± 5%(Sr)		
Protection Category / 防护等级	IP67		
Temperature Drift / 温度漂移	< ± 10%(Sr)		
Short Circuit Protection / 短路保护	YES		
Overlod Trip Point / 过载保护电流	120mA		
Reverse Polarity Protect / 反极性	YES		
Material Active Face / 感应面材质	PTFE（特氟龙）		
Led Display / Led显示	NO		

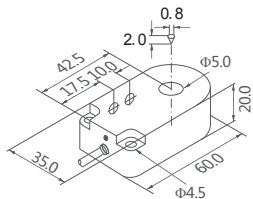
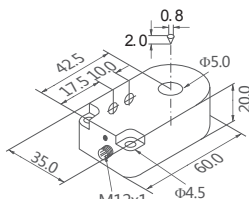
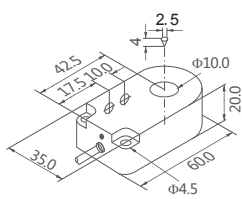
M30	M30	M30	M30
-25℃+120℃	-25℃+150℃	-25℃+150℃	-25℃+180℃
 Non-flush非齐平	 Flush齐平	 Non-flush非齐平	 Flush齐平
			
15mm 可调	10mm 可调	15mm 可调	10mm 可调
LT530-D15NA-D3120	LJ530-D10NA-D3150	LT530-D15NA-D3150	LJ530-D10NA-D3180
LT530-D15NB-D3120	LJ530-D10NB-D3150	LT530-D15NB-D3150	LJ530-D10NB-D3180
LT530-D15PA-D3120	LJ530-D10PA-D3150	LT530-D15PA-D3150	LJ530-D10PA-D3180
LT530-D15PB-D3120	LJ530-D10PB-D3150	LT530-D15PB-D3150	LJ530-D10PB-D3180
LT530-D15NC-D4120	LJ530-D10NC-D4150	LT530-D15NC-D4150	LJ530-D10NC-D4180
LT530-D15PC-D4120	LJ530-D10PC-D4150	LT530-D15PC-D4150	LJ530-D10PC-D4180
			
Technical Data技术参数			
Operating Voltage / 工作电压	10-36VDC		
Max. Ripple / 涟波	<10%		
No Load Current / 空载电流	<10mA		
Max. Load Current / 最大负载电流	200mA		
Leakge Current / 漏电流	<0. 01mA		
VoltageDrop / 电压降	<2VDC		
Switching Frequency / 开关频率	100HZ		
Response Time / 响应时间	1. 5ms/1. 5ms		
Switching Hysteresis / 迟滞	<15%(Sr)		
Repeat Accuracy / 重复精度	< ± 5%(Sr)		
Protection Category / 防护等级	IP67		
Temperature Drift / 温度漂移	< ± 10%(Sr)		
Short Circuit Protection / 短路保护	YES		
Overlod Trip Point / 过载保护电流	120mA		
Reverse Polarity Protect / 反极性	YES		
Material Active Face / 感应面材质	PTFE（特氟龙）		
Led Display / Led显示	NO		

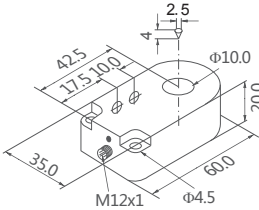
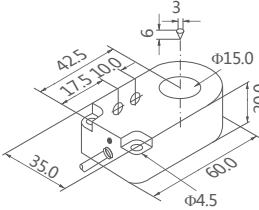
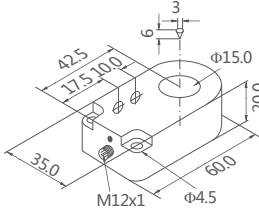
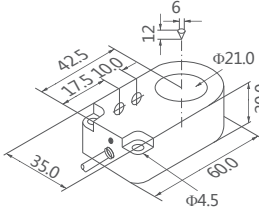
Dimension 外径尺寸	M30		
Temperature 温度	-25℃+180℃		
Mounting 安装方式	 Non-flush非齐平		
Product Photo 产品图片			
Sensing Distance Sn检测距离	15mm 可调		
DC 2 Wire 常开 (NO)			
DC 2 Wire 常闭 (NC)			
DC 3 WireNPN 常开 (NO)	LT530-D15NA-D3180		
DC 3 WireNPN 常闭 (NC)	LT530-D15NB-D3180		
DC 3 WirePNP 常开 (NO)	LT530-D15PA-D3180		
DC 3 WirePNP 常闭 (NC)	LT530-D15PB-D3180		
DC 4 WireNPN 常开+常闭 (NO+NC)	LT530-D15NC-D4180		
DC 4 WirePNP 常开+常闭 (NO+NC)	LT530-D15PC-D4180		
Machine Size Map 机械尺寸图			
Technical Data技术参数			
Operating Voltage / 工作电压	10-36VDC		
Max. Ripple / 涟波	<10%		
No Load Current/空载电流	<10mA		
Max. Load Current / 最大负载电流	200mA		
Leakge Current / 漏电流	<0.01mA		
VoltageDrop / 电压降	<2VDC		
Switching Frequency / 开关频率	100HZ		
Response Time / 响应时间	1.5ms/1.5ms		
Switching Hysteresis / 迟滞	<15%(Sr)		
Repeat Accuracy/ 重复精度	< ± 5%(Sr)		
Protection Category / 防护等级	IP67		
Temperature Drift / 温度漂移	< ± 10%(Sr)		
Short Circuit Protection / 短路保护	YES		
Overlod Trip Point/ 过载保护电流	120mA		
Reverse Polarity Protect/ 反极性	YES		
Material Active Face / 感应面材质	PTFE（特氟龙）		
Led Display/ Led显示	NO		

Dimension 外径尺寸	M8	M8	M12
Temperature 温度	-40℃+70℃	-40℃+70℃	-40℃+70℃
Mounting 安装方式	 Flush齐平	 Non-flush非齐平	 Flush齐平
Product Photo 产品图片			
Sensing Distance Sn检测距离	1mm	2mm	2/3mm 可调
DC 2 Wire 常开 (NO)			
DC 2 Wire 常闭 (NC)			
DC 3 WireNPN 常开 (NO)	LJ708-D01NA-D3-40	LT708-D02NA-D3-40	LJ712-D03NA-D3-40
DC 3 WireNPN 常闭 (NC)	LJ708-D01NB-D3-40	LT708-D02NB-D3-40	LJ712-D03NB-D3-40
DC 3 WirePNP 常开 (NO)	LJ708-D01PA-D3-40	LT708-D02PA-D3-40	LJ712-D03PA-D3-40
DC 3 WirePNP 常闭 (NC)	LJ708-D01PB-D3-40	LT708-D02PB-D3-40	LJ712-D03PB-D3-40
DC 4 WireNPN 常开+常闭 (NO+NC)			
DC 4 WirePNP 常开+常闭 (NO+NC)			
Machine Size Map 机械尺寸图			
Technical Data技术参数			
Operating Voltage / 工作电压	10-36VDC		
Max. Ripple / 涟波	<10%		
No Load Current/ 空载电流	<10mA		
Max. Load Current / 最大负载电流	200mA		
Leakge Current / 漏电流	<0.01mA		
VoltageDrop / 电压降	<2VDC		
Switching Frequency/ 开关频率	100HZ		
Response Time / 响应时间	1.5ms/1.5ms		
Switching Hysteresis / 迟滞	<15%(Sr)		
Repeat Accuracy/ 重复精度	< ± 5%(Sr)		
Protection Category / 防护等级	IP67		
Temperature Drift / 温度漂移	< ± 10%(Sr)		
Short Circuit Protection / 短路保护	YES		
Overlod Trip Point/ 过载保护电流	220mA		
Reverse Polarity Protect/ 反极性	YES		
Material Active Face / 感应面材质	POM		
Led Display/ Led显示	NO		

Dimension 外径尺寸	M12	M18	M18
Temperature 温度	-40℃+70℃	-40℃+70℃	-40℃+70℃
Mounting 安装方式	 Non-flush非齐平	 Flush齐平	 Non-flush非齐平
Product Photo 产品图片			
Sensing Distance Sn检测距离	4/6mm 可调	5/8mm 可调	8/16mm 可调
DC 2 Wire 常开 (NO)			
DC 2 Wire 常闭 (NC)			
DC 3 WireNPN 常开 (NO)	LT712-D06NA-D3-40	LJ718-D08NA-D3-40	LT718-D16NA-D3-40
DC 3 WireNPN 常闭 (NC)	LT712-D06NB-D3-40	LJ718-D08NB-D3-40	LT718-D16NB-D3-40
DC 3 WirePNP 常开 (NO)	LT712-D06PA-D3-40	LJ718-D08PA-D3-40	LT718-D16PA-D3-40
DC 3 WirePNP 常闭 (NC)	LT712-D06PB-D3-40	LJ718-D08PB-D3-40	LT718-D16PB-D3-40
DC 4 WireNPN 常开+常闭 (NO+NC)		LJ718-D08NC-D4-40	LT718-D16NC-D4-40
DC 4 WirePNP 常开+常闭 (NO+NC)		LJ718-D08PC-D4-40	LT718-D16PC-D4-40
Machine Size Map 机械尺寸图			
Technical Data技术参数			
Operating Voltage / 工作电压	10-36VDC		
Max. Ripple / 涟波	<10%		
No Load Current / 空载电流	<10mA		
Max. Load Current / 最大负载电流	200mA		
Leakge Current / 漏电流	<0. 01mA		
VoltageDrop / 电压降	<2VDC		
Switching Frequency / 开关频率	100HZ		
Response Time / 响应时间	1.5ms/1.5ms		
Switching Hysteresis/ 迟滞	<15%(Sr)		
Repeat Accuracy/ 重复精度	< ± 5%(Sr)		
Protection Category/ 防护等级	IP67		
Temperature Drift / 温度漂移	< ± 10%(Sr)		
Short Circuit Protection / 短路保护	YES		
Overlod Trip Point/ 过载保护电流	220mA		
Reverse Polarity Protect/ 反极性	YES		
Material Active Face/ 感应面材质	POM		
Led Display/ Led显示	NO		

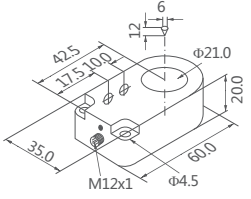
M30	M30		
-40℃+70℃	-40℃+70℃		
 Flush齐平	 Non-flush非齐平		
			
10/20mm 可调	15/30mm 可调		
LJ730-D20NA-D3-40	LT730-D30NA-D3-40		
LJ730-D20NB-D3-40	LT730-D30NB-D3-40		
LJ730-D20PA-D3-40	LT730-D30PA-D3-40		
LJ730-D20PB-D3-40	LT730-D30PB-D3-40		
LJ730-D20NC-D4-40	LT730-D30NC-D4-40		
LJ730-D20PC-D4-40	LT730-D30PC-D4-40		
			
Technical Data技术参数			
Operating Voltage / 工作电压	10-36VDC		
Max. Ripple / 涟波	<10%		
No Load Current / 空载电流	<10mA		
Max. Load Current / 最大负载电流	200mA		
Leakge Current / 漏电流	<0. 01mA		
VoltageDrop / 电压降	<2VDC		
Switching Frequency / 开关频率	100HZ		
Response Time / 响应时间	1.5ms/1.5ms		
Switching Hysteresis/ 迟滞	<15%(Sr)		
Repeat Accuracy/ 重复精度	< ± 5%(Sr)		
Protection Category/ 防护等级	IP67		
Temperature Drift / 温度漂移	< ± 10%(Sr)		
Short Circuit Protection / 短路保护	YES		
Overlod Trip Point/ 过载保护电流	220mA		
Reverse Polarity Protect/ 反极性	YES		
Material Active Face/ 感应面材质	POM		
Led Display/ Led显示	NO		

Sensing aperture 检测孔径	Φ5mm	Φ5mm	Φ10mm
Mounting 安装方式	 Non-flush非齐平	 Non-flush非齐平	 Non-flush非齐平
Product Photo 产品图片			
Min.target /最小检测物体	D =0.8mm ;L=2mm	D =0.8mm ;L=2mm	D =2.5mm ;L=4mm
DC 3 wireNPN常开 (NO)	LT420-H05NA-D3	LT420-H05NA-DS12	LT420-H10NA-D3
DC 3 wireNPN常闭 (NC)	LT420-H05NB-D3	LT420-H05NB-DS12	LT420-H10NB-D3
DC 3 wirePNP常开 (NO)	LT420-H05PA-D3	LT420-H05PA-DS12	LT420-H10PA-D3
DC 3 wirePNP常闭 (NC)	LT420-H05PB-D3	LT420-H05PB-DS12	LT420-H10PB-D3
DC 4 wireNPN常开+常闭 (NO+NC)	LT420-H05NC-D4	LT420-H05NC-DS12	LT420-H10NC-D4
DC 4 wirePNP常开+常闭 (NO+NC)	LT420-H05PC-D4	LT420-H05PC-DS12	LT420-H10PC-D4
Machine Size Map 机械尺寸图			
Technical Data技术参数	DC 3 wire		
Operating Voltage & Ripple/ 工作电压	10-36VD (Ripple <10%)		
No Load Current / 无负载电流	<10mA		
Max. Load Current / 最大负载电流	<200mA		
Leakge Current / 漏电流	<0.01mA		
Min.Load Current / 最小负载电流	-		
Voltage Drop / 电压降	<1.5v at 200mA		
Switching Frequency / 开关频率	500HZ		
Switching Hysteresis / 开关磁滞	15%		
Repeat Accuracy/ 重复精度	<2% of Rated Operating Distance		
Protection Category / 防护等级	IP67		
Operating Temperature/ 工作温度	-25℃-+70℃		
Temperature Drift / 温度漂移	± 10% (Sr)		
Reverse Polarity Protection / 反极性保护	YES		
Short Circuit Protection / 短路保护	YES		
Overload TripPoint / 过载保护点	220-280mA		
EMC	RFT>3V/m / EFT>1KV; ESD>4KV (contact)		
Shock / Vibration / 振动冲击	IEC 60947-5-2, Part 7.4. ; / IEC 60947-5-2, Part 7.4.2		
Housing Material / 外壳材质	PBT		
Led Display/ Led显示	YES		

Φ10mm	Φ15mm	Φ15mm	Φ21mm
 Non-flush非齐平	 Non-flush非齐平	 Non-flush非齐平	 Non-flush非齐平
			
D =2.5mm ;L=4mm	D =3mm ;L=6mm	D =3mm ;L=6mm	D =6mm ;L=12mm
LT420-H10NA-DS12	LT420-H15NA-D3	LT420-H15NA-DS12	LT420-H21NA-D3
LT420-H10NB-DS12	LT420-H15NB-D3	LT420-H15NB-DS12	LT420-H21NB-D3
LT420-H10PA-DS12	LT420-H15PA-D3	LT420-H15PA-DS12	LT420-H21PA-D3
LT420-H10PB-DS12	LT420-H15PB-D3	LT420-H15PB-DS12	LT420-H21PB-D3
LT420-H10NC-DS12	LT420-H15NC-D4	LT420-H15NC-DS12	LT420-H21NC-D4
LT420-H10PC-DS12	LT420-H15PC-D4	LT420-H15PC-DS12	LT420-H21PC-D4
			
Technical Data技术参数	DC 3 wire		
Operating Voltage & Ripple/ 工作电压	10-36VDC (Ripple<10%)		
No Load Current/无负载电流	<10mA		
Max. Load Current / 最大负载电流	<200mA		
Leakge Current / 漏电流	<0.01mA		
Min.Load Current / 最小负载电流	-		
Voltage Drop / 电压降	<1.5v at 200mA		
Switching Frequency / 开关频率	500HZ		
Switching Hysteresis / 开关磁滞	15%		
Repeat Accuracy/ 重复精度	<2% of Rated Operating Distance		
Protection Category / 防护等级	IP67		
Operating Temperature/ 工作温度	-25℃-+70℃		
Temperature Drift / 温度漂移	± 10% (Sr)		
Reverse Polarity Protection / 反极性保护	YES		
Short Circuit Protection / 短路保护	YES		
Overload Trip Point / 过载保护点	220-280mA		
EMC	RFT>3V/m / EFT>1KV; ESD>4KV (contact)		
Shock / Vibration / 振动冲击	IEC 60947-5-2, Part 7.4. ; / IEC 60947-5-2, Part 7.4.2		
Housing Material / 外壳材质	PBT		
Led Display/ Led显示	YES		

电容环形接近传感器

RING TYPE CAPACITIVE PROXIMITY SENSOR

Sensing aperture 检测孔径	Φ21mm		
Mounting 安装方式	 Non-flush非齐平		
Product Photo 产品图片			
Min.target /最小检测物体	D =6mm ; L =12mm		
DC 3 wire NPN常开 (NO)	LT420-H21NA-DS12		
DC 3 wire NPN常闭 (NC)	LT420-H21NB-DS12		
DC 3 wire PNP常开 (NO)	LT420-H21PA-DS12		
DC 3 wire PNP常闭 (NC)	LT420-H21PB-DS12		
DC 4 wire NPN常开+常闭 (NO+NC)	LT420-H21NC-DS12		
DC 4 wire PNP常开+常闭 (NO+NC)	LT420-H21PC-DS12		
Machine Size Map 机械尺寸图			
Technical Data技术参数	DC 3 wire		
Operating Voltage & Ripple/ 工作电压	10~36VDC (RiPple <10%)		
No Load Current/无负载电流	<10mA		
Max. Load Current /最大负载电流	<200mA		
Leakge Current / 漏电流	<0.01mA		
Min. Load Current / 最小负载电流	-		
Voltage Drop / 电压降	<1.5v at 200mA		
Switching Frequency / 开关频率	500HZ		
Switching Hysteresis / 开关磁滞	15%		
Repeat Accuracy/ 重复精度	<2% of Rated Operating Distance		
Protection Category / 防护等级	IP67		
Operating Temperature/ 工作温度	-25℃~+70℃		
Temper ature Drift / 温度漂移	± 10% (Sr)		
Reverse Polarity Protection / 反极性保护	YES		
Short Circuit Protection / 短路保护	YES		
Overbad TripPoint / 过载保护点	220 ~280mA		
EMC	RFT>3V/m / EFT>1KV; ESD>4KV (contact)		
Shock / Vibration / 振动冲击	IEC 60947-5-2, Part 7.4. / ; IEC 60947-5-2, Part 7.4.2		
Housing Material/ 外壳材质	PBT		
Led Display/ Led 显示	YES		

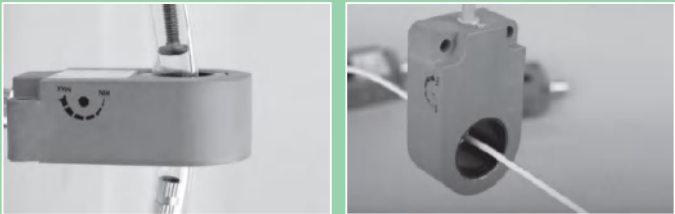
Ring Type Proximity Sensor

环型接近传感器

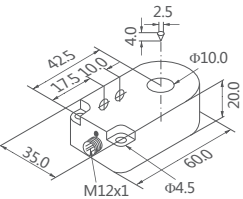
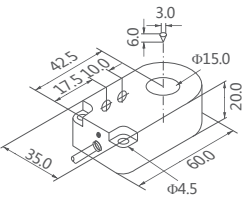
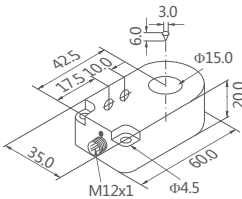
5mm-6mm-10mm- 1 5 mm- 2 1 mm- 4 3 mm多种感应孔径，可监测细小的金属件，具有动态和静态的两种工作原理。
高分辨率： 即使直径为0 0 . 6 mm的小钢球都能被可靠地检测。
带线和接插件，常开常闭功能可选。

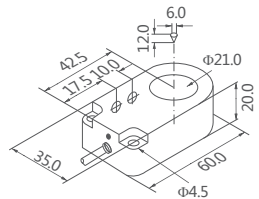
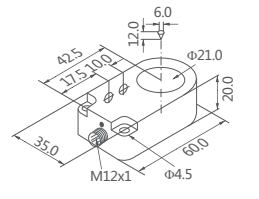
静态工作的传感器

与电感式接近传感器的工作原理一样。只要金属处于监测范围内，传感器就可以产生一个持续的输出信号。因而，该传感器可以用于监控送料过程中坠落的螺钉或堵塞状态。 动态工作的传感器适用于监测特别细小的部件。即使管子上出现金属污垢，传感器仍可长时间保持很高的分辨率。



Sensing aperture 检测孔径	Φ5mm	Φ5mm	Φ10mm
Mounting 安装方式	Non-flush 非齐平	Non-flush 非齐平	Non-flush 非齐平
Product Photo 产品图片			
Min.target /最小检测物体	D =0.6mm ;L=1mm	D =0.6mm ;L=1mm	D =2.5mm ;L=4mm
DC 2 wire 常开 (NO)			
DC 2 wire 常闭 (NC)			
DC 3 wire NPN 常开 (NO)	KT420-H05NA-D3	KT420-H05NA-DS12	KT420-H10NA-D3
DC 3 wire NPN 常闭 (NC)	KT420-H05NB-D3	KT420-H05NA-DS12	KT420-H10NB-D3
DC 3 wire PNP 常开 (NO)	KT420-H05PA-D3	KT420-H05PA-DS12	KT420-H10PA-D3
DC 3 wire PNP 常闭 (NC)	KT420-H05PB-D3	KT420-H05PB-DS12	KT420-H10PB-D3
DC 4 wire NPN 常开+常闭 (NO+NC)	KT420-H05NC-D4	KT420-H05NC-DS12	KT420-H10NC-D4
DC 4 wire PNP 常开+常闭 (NO+NC)	KT420-H05PC-D4	KT420-H05PC-DS12	KT420-H10PC-D4
Machine Size Map 机械尺寸图			
Technical Data技术参数	DC 3 wire & DC4 wire		
Operating Voltage & Ripple/ 工作电压	10-36VDC (Ripple<10%)		
No Load Current / 无负载电流	<15mA		
Max. Load Current / 最大负载电流	<200mA		
Leakge Current / 漏电流	<0.01mA		
Min. Load Current / 最小负载电流	-		
Voltage Drop / 电压降	<1.5v at 200mA		
Switching Frequency / 开关频率	1kHz		
Switching Hysteresis / 开关磁滞	15%		
Repeat Accuracy/ 重复精度	< ± 2% of Rated Operating Distance		
Protection Category / 防护等级	IP67		
Operating Temperature / 工作温度	-25℃-+70℃		
Temperature Drift / 温度漂移	< ± 10% (S _r)		
Reverse Polarity Protection / 反极性保护	YES		
Short Circuit Protection / 短路保护	YES		
Overload TripPoint / 过载保护点	220 -280mA		
EMC	RFT>3V/m / EFT>1KV; ESD>4KV (contact)		
Shock / Vibration / 振动冲击	IEC 60947-5-2, Part ; 7.4.IEC/ 60947-5-2, Part 7.4.2		
Housing Material/ 外壳材质	PBT		
Led Display /Led显示	YES		

Sensing aperture 检测孔径	Φ10mm	Φ15mm	Φ15mm
Mounting 安装方式	 Non-flush非齐平	 Non-flush非齐平	 Non-flush非齐平
Product Photo 产品图片			
Min.target /最小检测物体	D =2.5mm ;L=4mm	D =3mm ;L=6mm	D =3mm ;L=6mm
DC 2 wire常开 (NO)			
DC 2 wire 常闭 (NC)			
DC 3 wire NPN 常开 (NO)	KT420-H10NA-DS12	KTL420-H15NA-D3	KT420-H15NA-DS12
DC 3 wire NPN 常闭 (NC)	KT420-H10NB-DS12	KT420-H15NB-D3	KT420-H15NB-DS12
DC 3 wire PNP 常开 (NO)	KT420-H10PA-DS12	KT420-H15PA-D3	KT420-H15PA-DS12
DC 3 wire PNP 常闭 (NC)	KT420-H10PB-DS12	KT420-H15PB-D3	KT420-H15PB-DS12
DC 4 wire NPN 常开+常闭 (NO+NC)	KT420-H10NC-DS12	KT420-H15NC-D4	KT420-H15NC-DS12
DC 4 wire PNP 常开+常闭 (NO+NC)	KT420-H10PC-DS12	KT420-H15PC-D4	KT420-H15PC-DS12
Machine Size Map 机械尺寸图			
Technical Data技术参数	DC 3 wire & DC4 wire		
Operating Voltage & Ripple/工作电压	10-36VDC (Ripple<10%)		
No Load Current / 无负载电流	<15mA		
Max. Load Current / 最大负载电流	<200mA		
Leakge Current / 漏电流	<0.01mA		
Min. Load Current / 最小负载电流	-		
Voltage Drop / 电压降	<1.5v at 200mA		
Switching Frequency / 开关频率	1kHz		
Switching Hysteresis / 开关磁滞	15%		
Repeat Accuracy / 重复精度	< ± 2% of Rated OperatingDistance		
Protection Category / 防护等级	IP67		
Operating Temperature / 工作温度	-25℃-+70℃		
Temperature Drift / 温度漂移	< ± 10% (Sr)		
Reverse Polarity Protection / 反极性保护	YES		
Short Circuit Protection / 短路保护	YES		
Overload TripPoint / 过载保护点	220-280mA		
EMC	RFT>3V/m / EFT>1KV; ESD>4KV (contact)		
Shock / Vibration / 振动冲击	IEC 60947-5-2, Part ; 7.4.IEC/60947-5-2, Part 7.4.2		
Housing Material / 外壳材质	PBT		
Led Display / Led显示	YES		

Φ21mm	Φ21mm		
 Non-flush非齐平	 Non-flush非齐平		
			
D =6mm ;L=12 mm	D =6mm ;L=12 mm		
KT420-H21NA-D3	KT420-H21NA-DS12		
KT420-H21NB-D3	KT420-H21NB-DS12		
KT420-H21PA-D3	KT420-H21PA-DS12		
KT420-H21PB-D3	KT420-H21PB-DS12		
KT420-H21NC-D4	KT420-H21NC-DS12		
KT420-H21PC-D4	KT420-H21PC-DS12		
			
Technical Data技术参数	DC 3 wire & DC4 wire		
Operating Voltage & Ripple/工作电压	10-36VDC (Ripple10%)		
No Load Current / 无负载电流	<15mA		
Max. Load Current / 最大负载电流	<200mA		
Leakge Current / 漏电流	<0.01mA		
Min. Load Current / 最小负载电流	-		
VoltageDrop / 电压降	<1.5v at 200mA		
Switching Frequency /开关频率	1kHz		
Switching Hysteresis / 开关磁滞	15%		
Repeat Accuracy / 重复精度	< ± 2% of Rated OperatingDistance		
Protection Category/防护等级	IP67		
Operating Temperature /工作温度	-25℃-+70℃		
Temperature Drift / 温度漂移	< ± 10% (Sr)		
Reverse Polarity Protection / 反极性保护	YES		
Short Circuit Protection / 短路保护	YES		
Overload Trip Point / 过载保护点	220-280mA		
EMC	RFT>3V/m / EFT>1KV; ESD>4KV (contact)		
Shock / Vibration / 振动冲击	IEC 60947-5-2, Part ; 7.4.IEC/60947-5-2, Part 7.4.2		
Housing Material / 外壳材质	PBT		
Led Display / Led 显示	YES		

Namur Proximity Sensor

防爆型传感器

工作原理

Namur型接近传感器是一种只包含有一个振荡器的二线制传感器，内阻随着感应目标的远近发生变化，相应的电流也随之变代。

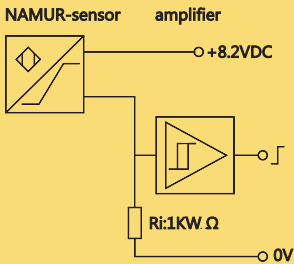
许多涉及易燃材料工业工艺中，任何泄漏或溢出都有可能形成易爆气体。为了保护人员和厂房，必须采取谨慎的措施来防止引爆这样的气体，这些区域通常被称为“危险区域”。

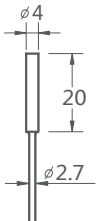
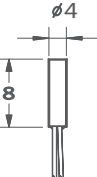
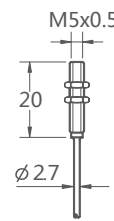
危险材料通常包含原油和它的衍生物，天然气和人造工艺气体，酒精，金属尘埃，碳粉，面粉，淀粉，谷物和纤维。

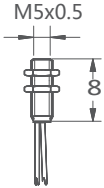
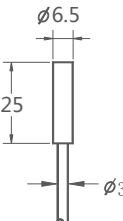
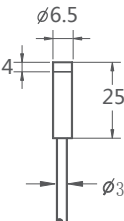
本安(IS)的原理是有意地限制危险区域的电能，使任何可能产生的电路火花或热点都变得极弱小而不至于引爆气体。

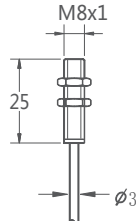
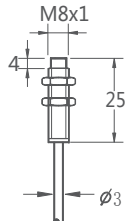
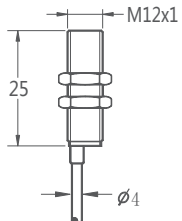
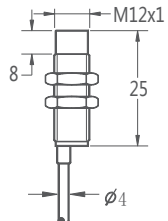
注意事项：

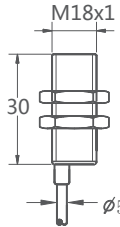
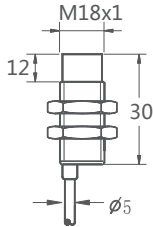
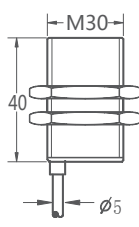
Namur本安型传感器必须用带有本质安全的隔离放大器对它进行驱动，如图：

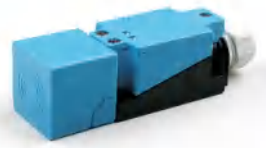
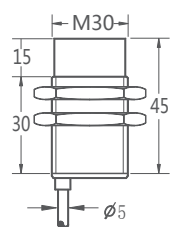
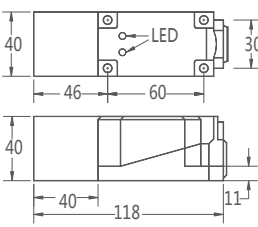
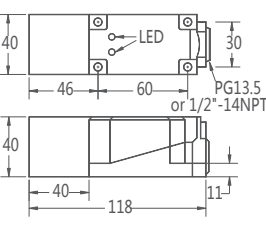


Dimension 外径尺寸	Φ4	Φ4	M5
Mounting 安装方式	 Flush齐平	 Flush齐平	 Flush齐平
Sensing Distance Sn检测距离	0.8-1mm	0.8-1mm	0.8-1mm
Product Photo 产品图片			
DC 2 wire 本安型 Namur	KJ104-W0.8BAB-R2	KJ104-W0.8BAB-R208	KJ105-D0.8BAB-R2
	KJ104-W01BAB-R2	KJ104-W01BAB-R208	KJ105-D01BAB-R2
Machine Size Map 机械尺寸图			
Technical Data技术参数			
Operating Voltage / 工作电压	8.2VDC		
Ripple/ 允许脉动电压	-		
No Load Current / 无负载电流	>2.2mA (OFF)		>1.1mA (ON)
Response Time / 响应时间	0.05ms / 0.05ms		
Switching Frequency / 开关频率	2KHZ		
Switching Hysteresis / 开关磁滞	<15% (Sr)		
Repeat Accuracy/ 重复精度	< ±1.0% (Sr)		
Protection Category/ 防护等级	IP67		
Operating Temperature/ 工作温度	-25℃-+70℃		
Temperature Drift / 温度漂移	< ±1% (Sr)		
Short Circuit Protection / 短路保护	-		
Overload Trip Point / 过载保护点	-		
Time Delay Before Availability / 延时	<10ms		
EMC	RFT>3V/m / EFT>1KV / ESD>4KV (contact)		
Shock / Vibration / 振动冲击	IEC 60947-5-2, Part 7.4.1 / IEC 60947-5-2, Part 7.4.2		
Material Active Face / 感应面材质	POM		
Led Display/ Led显示	NO		

Dimension 外径尺寸	M5	Φ6.5	Φ6.5
Mounting 安装方式	 Flush 齐平	 Flush 齐平	 Non-flush 非齐平
Sensing Distance Sn检测距离	0.8-1mm	1mm	2mm
Product Photo 产品图片			
DC 2 wire 本安型Namur	KJ105-D0.8BAB-R208	KJ16.5-W01BAB-R2	KJ16.5-W04BAB-R2
	KJ105-D01BAB-R208	KJ16.5-W02BAB-R2	KJ16.5-W04BAB-R2
Machine Size Map 机械尺寸图			
Technical Data技术参数			
Operating Voltage / 工作电压	8.2VDC		
Ripple/ 允许脉动电压	-		
No Load Current / 无负载电流	>2.2mA (OFF)		>1.1mA (ON)
Response Time / 响应时间	0.05ms / 0.05ms		
Switching Frequency / 开关频率	2KHZ		
Switching Hysteresis / 开关磁滞	<15% (Sr)		
Repeat Accuracy/ 重复精度	<±1.0%(Sr)		
Protection Category/ 防护等级	IP67		
Operating Temperature/ 工作温度	-25 -+70		
Temperature Drift / 温度漂移	<±1%(Sr)		
Short Circuit Protection / 短路保护	-		
Overload Trip Point / 过载保护点	-		
Time Delay Before Availability/ 延时	<10ms		
EMC	RFT>3V/m / EFT>1KV / ESD>4KV (contact)		
Shock / Vibration / 振动冲击	IEC 60947-5-2, Part 7.4.1 / IEC 60947-5-2, Part 7.4.2		
Material Active Face / 感应面材质	POM		
Led Display/ Led 显示	NO		

M8	M8	M12	M12
 Flush 齐平	 Non-flush 非齐平	 Flush 齐平	 Non-flush 非齐平
1mm	2mm	2mm	4mm
			
KJ108-D01BAB-R2	KJ108-D02BAB-R2	KJ112-D02BAB-R2	KJ112-D04BAB-R2
KJ108-D02BAB-R2	KJ108-D04BAB-R2	KJ112-D04BAB-R2	KJ112-D08BAB-R2
			
Technical Data技术参数			
Operating Voltage / 工作电压	8.2VDC		
Ripple/ 允许脉动电压	-		
No Load Current / 无负载电流	>2.2mA (OFF)		>1.1mA (ON)
Response Time / 响应时间	0.05ms / 0.05ms		
Switching Frequency / 开关频率	2KHZ		
Switching Hysteresis / 开关磁滞	<15% (Sr)		
Repeat Accuracy/ 重复精度	<±1.0%(Sr)		
Protection Category/ 防护等级	IP67		
Operating Temperature/ 工作温度	-25 -+70		
Temperature Drift / 温度漂移	<±1%(Sr)		
Short Circuit Protection / 短路保护	-		
Overload Trip Point / 过载保护点	-		
Time Delay Before Availability/ 延时	<10ms		
EMC	RFT>3V/m / EFT>1KV / ESD>4KV (contact)		
Shock / Vibration / 振动冲击	IEC 60947-5-2, Part 7.4.1 / IEC 60947-5-2, Part 7.4.2		
Material Active Face / 感应面材质	POM		
Led Display/ Led 显示	NO		

Dimension 外径尺寸	M18	M18	M30
Mounting 安装方式	 Flush齐平	 Non-flush非齐平	 Flush齐平
Sensing Distance Sn检测距离	5mm	8mm	10mm
Product Photo 产品图片			
DC 2 wire 本安型 Namur	KJ118-D05BAB-R2	KT118-D08BAB-R2	KJ130-D10BAB-R2
	KJ118-D08BAB-R2	KT118-D16BAB-R2	KJ130-D16BAB-R2
Machine Size Map 机械尺寸图			
Technical Data技术参数			
Operating Voltage / 工作电压	8.2 VDC		
Ripple/ 允许脉动电压	-		
No Load Current / 无负载电流	>2.2mA (OFF)		>1.1mA (ON)
Response Time / 响应时间	0.05ms / 0.05ms		
Switching Frequency / 开关频率	2KHZ		
Switching Hysteresis / 开关磁滞	<15% (Sr)		
Repeat Accuracy/ 重复精度	<±1.0% (Sr)		
Protection Category/ 防护等级	IP67		
Operating Temperature/ 工作温度	-25℃+70℃		
Temperature Drift / 温度漂移	<±1% (Sr)		
Short Circuit Protection / 短路保护	-		
Overload Trip Point / 过载保护点	-		
Time Delay Before Availability/ 延时	<10ms		
EMC	RFT>3V/m / EFT>1KV / ESD>4KV (contact)		
Shock / Vibration / 振动冲击	IEC 60947-5-2, Part 7.4.1 / IEC 60947-5-2, Part 7.4.2		
Material Active Face / 感应面材质	POM		
Led Display/ Led显示	NO		

M30	F40	F40	
 Non-flush非齐平	 Flush齐平	 Non-flush非齐平	
15mm	15mm	30mm	
			
KT130-D15BAB-R2	KJ440-F15BAB-R2	KT440-F30BAB-R2	
KT130-D25BAB-R2			
			
Technical Data技术参数			
Operating Voltage / 工作电压		8.2VDC	
Ripple/ 允许脉动电压		-	
No Load Current / 无负载电流		>2.2mA (OFF) >1.1mA (ON)	
Response Time / 响应时间		0.05ms / 0.05ms	
Switching Frequency / 开关频率		2KHZ	
Switching Hysteresis / 开关磁滞		<15% (Sr)	
Repeat Accuracy/ 重复精度		<±1.0% (Sr)	
Protection Category / 防护等级		IP67	
Operating Temperature/ 工作温度		-25℃+70℃	
Temperature Drift / 温度漂移			
Short Circuit Protection / 短路保护		-	
Overload Trip Point / 过载保护点		-	
Time Delay Before Availability / 延时		<10ms	
EMC		RFT>3V/m / EFT>1KV / ESD>4KV (contact)	
Shock / Vibration / 振动冲击		IEC 60947-5-2, Part 7.4.1 / IEC 60947-5-2, Part 7.4.2	
Material Active Face / 感应面材质		金属外壳:POM / 塑料外壳:PBT	
Led Display/ Led显示		NO	

Corrosion Resistance Proximity Sensor

耐腐蚀接近传感器

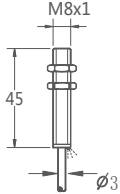
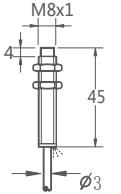
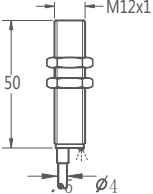
具有耐高压、抗腐蚀的一体化聚四氟乙烯材质外壳制作。

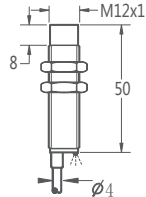
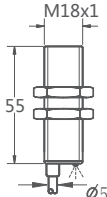
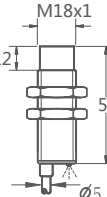
因此该系列非常适用于海洋的表面压力以及水下压力，腐蚀液体工况环境。

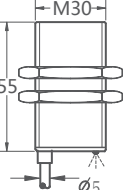
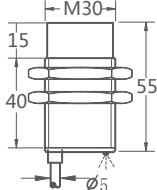
具有浪涌，逆极性保护功能

外壳材料：聚四氟乙烯（铁氟龙）

防护等级IP67（IEC）

Dimension 外径尺寸	M8	M8	M12
Temperature 温度	-40℃+70℃	-40℃+70℃	-40℃+70℃
Mounting 安装方式	 Flush齐平	 Non-flush非齐平	 Flush齐平
Product Photo 产品图片			
Sensing Distance Sn检测距离	1/2mm	2/3mm	2/4mm
DC 2 wire常开（NO ）	KJ808-D01DA-D2-40	KT808-D02DA-D2-40	KJ812-D02DA-D2-40
DC 2 wire常闭（NC ）	KJ808-D01DB-D2-40	KT808-D02DB-D2-40	KJ812-D02DB-D2-40
DC 3 wire NPN 常开（NO ）	KJ808-D01NA-D3-40	KT808-D02NA-D3-40	KJ812-D02NA-D3-40
DC 3 wire NPN 常闭（NC ）	KJ808-D01NB-D3-40	KT808-D02NB-D3-40	KJ812-D02NB-D3-40
DC 3 wire PNP 常开（NO ）	KJ808-D01PA-D3-40	KT808-D02PA-D3-40	KJ812-D02PA-D3-40
DC 3 wire PNP 常闭（NC ）	KJ808-D01PB-D3-40	KT808-D02PB-D3-40	KJ812-D02PB-D3-40
DC 3 wire NPN 常开（NO ）	KJ808-D02NA-D3-40	KT808-D03NA-D3-40	KJ812-D04NA-D3-40
DC 3 wire NPN 常闭（NC ）	KJ808-D02NB-D3-40	KT808-D03NB-D3-40	KJ812-D04NB-D3-40
DC 3 wire PNP 常开（NO ）	KJ808-D02PA-D3-40	KT808-D03PA-D3-40	KJ812-D04PA-D3-40
DC 3 wire PNP 常闭（NC ）	KJ708-D02PB-D3-40	KT708-D03PB-D3-40	KJ812-D04PB-D3-40
DC 4 wire NPN 常开+常闭（NO+NC ）			
DC 4 wire PNP 常开+常闭（NO+NC ）			
Machine Size Map 机械尺寸图			
Technical Data技术参数	DC 3 wire & DC4 wire		DC 2 wire
Operating Voltage / 工作电压	10-36VDC		10-36VDC
Max. Ripple / 涟波	<10%		<10%
No Load Current / 空载电流	<10mA		<10mA
Max. Load Current / 最大负载电流	120mA		100mA
Leakge Current / 漏电流	<0. 01mA		<1.2mA
Voltage Drop / 电压降	<1. 5V		<6V
Switching Frequency / 开关频率	Flush:200HZ； Non -flush:150HZ		Flush:200HZ； Non -flush:150HZ
Response Time / 响应时间	Flush:0. 5ms； Non -flush:1ms		Flush:0. 5ms； Non -flush:1ms
Switching Hysteresis / 迟滞	<15% (Sr)		<15% (Sr)
Repeat Accuracy / 重复精度	< ± 1.0% (Sr)		< ± 1.0% (Sr)
Protection Category / 防护等级	IP67		IP67
Temperature Drift / 温度漂移	< ± 10% (Sr)		< ± 10% (Sr)
Short Circuit Protection / 短路保护	YES		YES
Overlod TripPoint / 过载保护电流	150mA		150mA
Reverse Polarity Protect / 反极性	YES		YES
Material Active Face / 感应面材质	POM		POM
Led Display / Led显示	NO		NO

Dimension 外径尺寸	M12	M18	M18
Temperature 温度	-40℃+70℃	-40℃+70℃	-40℃+70℃
Mounting 安装方式	 Non-flush非齐平	 Flush齐平	 Non-flush非齐平
Product Photo 产品图片			
Sensing Distance Sn检测距离	4/8mm	5/8mm	8/16mm
DC 2 wire常开 (NO)	KT812-D04DA-D2-40	KJ818-D05DA-D2-40	KT818-D08DA-D2-40
DC 2 wire常闭 (NC)	KT812-D04DB-D2-40	KJ818-D05DB-D2-40	KT818-D08DB-D2-40
DC 3 wire NPN 常开 (NO)	KT812-D04NA-D3-40	KJ818-D05NA-D3-40	KT818-D08NA-D3-40
DC 3 wire NPN 常闭 (NC)	KT812-D04NB-D3-40	KJ818-D05NB-D3-40	KT818-D08NB-D3-40
DC 3 wire PNP 常开 (NO)	KT812-D04PA-D3-40	KJ818-D05PA-D3-40	KT818-D08PA-D3-40
DC 3 wire PNP 常闭 (NC)	KT812-D04PB-D3-40	KJ818-D05PB-D3-40	KT818-D08PB-D3-40
DC 3 wire NPN 常开 (NO)	KT812-D08NA-D3-40	KJ818-D08NA-D3-40	KT818-D16NA-D3-40
DC 3 wire NPN 常闭 (NC)	KT812-D08NB-D3-40	KJ818-D08NB-D3-40	KT818-D16NB-D3-40
DC 3 wire PNP 常开 (NO)	KT812-D08PA-D3-40	KJ818-D08PA-D3-40	KT818-D16PA-D3-40
DC 3 wire PNP 常闭 (NC)	KT812-D08PB-D3-40	KJ818-D08PB-D3-40	KT818-D16PB-D3-40
DC 4 wire NPN 常开+常闭 (NO+NC)			
DC 4 wire PNP 常开+常闭 (NO+NC)			
Machine Size Map 机械尺寸图			
Technical Data技术参数	DC 3 wire & DC4 wire		DC 2 wire
Operating Voltage / 工作电压	10-36VDC		10-36VDC
Max. Ripple / 涟波	<10%		<10%
No Load Current / 空载电流	<10mA		<10mA
Max. Load Current / 最大负载电流	120mA		100mA
Leakge Current / 漏电流	<0.01mA		<1.2mA
Voltage Drop / 电压降	<1.5V		<6V
Switching Frequency / 开关频率	Flush:200HZ ; Non -flush:150HZ		Flush:200HZ ; Non -flush:150HZ
Response Time / 响应时间	Flush:0.5ms ; Non -flush:1ms		Flush:0.5ms ; Non -flush:1ms
Switching Hysteresis / 迟滞	<15%(Sr)		<15%(Sr)
Repeat Accuracy / 重复精度	< ± 1.0%(Sr)		< ± 1.0%(Sr)
Protection Category / 防护等级	IP67		IP67
Temperature Drift / 温度漂移	< ± 10%(Sr)		< ± 10%(Sr)
Short Circuit Protection / 短路保护	YES		YES
Overlod TripPoint / 过载保护电流	150mA		150mA
Reverse Polarity Protect / 反极性	YES		YES
Material Active Face / 感应面材质	POM		POM
Led Display / Led显示	NO		NO

M30	M30		
-40℃+70℃	-40℃+70℃		
 Flush齐平	 Non-flush非齐平		
			
10/16mm	15/25mm		
KJ830-D10DA-D2-40	KT830-D15DA-D2-40		
KJ830-D10DB-D2-40	KT830-D15DB-D2-40		
KJ830-D10NA-D3-40	KT830-D15NA-D3-40		
KJ830-D10NB-D3-40	KT830-D15NB-D3-40		
KJ830-D10PA-D3-40	KT830-D15PA-D3-40		
KJ830-D10PB-D3-40	KT830-D15PB-D3-40		
KJ830-D16NA-D3-40	KT830-D25NA-D3-40		
KJ830-D16NB-D3-40	KT830-D25NB-D3-40		
KJ830-D16PA-D3-40	KT830-D25PA-D3-40		
KJ830-D16PB-D3-40	KT830-D25PB-D3-40		
			
Technical Data技术参数	DC 3 wire & DC 4 wire	DC 2 wire	
Operating Voltage / 工作电压	10-36VDC	10-36VDC	
Max. Ripple / 涟波	<10%	<10%	
No Load Current / 空载电流	<10mA	<10mA	
Max. Load Current / 最大负载电流	120mA	100mA	
Leakge Current / 漏电流	<0.01mA	<1.2mA	
Voltage Drop / 电压降	<1.5V	<6V	
Switching Frequency / 开关频率	Flush:200HZ ;Non -flush:150HZ	Flush:200HZ ;Non -flush:150HZ	
Response Time / 响应时间	Flush:0.5ms ; Non -flush:1ms	Flush:0.5ms ; Non -flush:1ms	
Switching Hysteresis / 迟滞	<15%(Sr)	<15%(Sr)	
Repeat Accuracy / 重复精度	< ± 1.0%(Sr)	< ± 1.0%(Sr)	
Protection Category / 防护等级	IP67	IP67	
Temperature Drift / 温度漂移	< ± 10%(Sr)	< ± 10%(Sr)	
Short Circuit Protection / 短路保护	YES	YES	
Overlod TripPoint / 过载保护电流	150mA	150mA	
Reverse Polarity Protect / 反极性	YES	YES	
Material Active Face / 感应面材质	POM	POM	
Led Display / Led显示	NO	NO	

High / Low Temperature Proximity Sensor

高/低温型接近传感器

可以在高达200度温度的环境使用，多种温度范围（80；120；150；180；200）和安装选择，采用耐高温材料，不锈钢外壳和特氟龙电缆，确保在恶劣环境下可靠工作。广泛应用于钢铁、电站、冲压、锅炉等行业。



• 耐高温型接近传感器专用电缆

耐高温产品特别适用于：

铸造车间

钢铁车间

烧烤车间

碳纤维设备

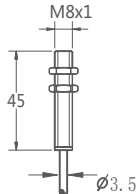
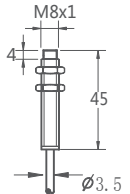
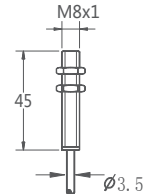
食品加工车间

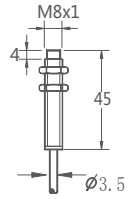
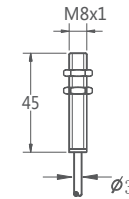
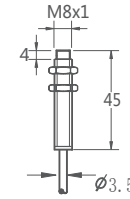
镀锌设备

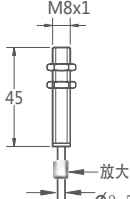
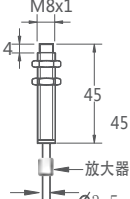
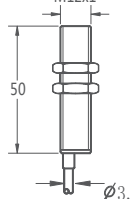
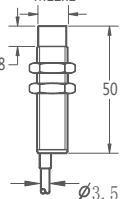
玻璃制造车间

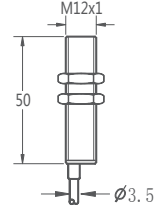
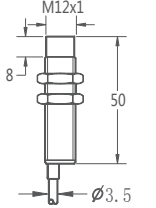
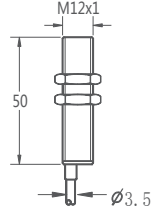
冲压锅炉

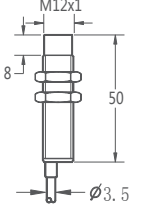
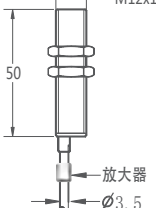
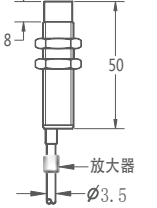
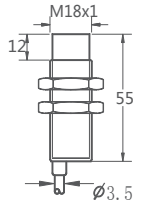
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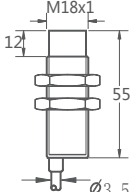
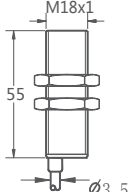
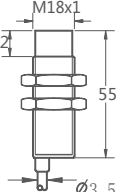
Dimension 外径尺寸	M8	M8	M8
Temperature 温度	120℃	120℃	150℃
Mounting 安装方式	 Flush齐平	 Non-flush非齐平	 Flush齐平
Product Photo 产品图片			
Sensing Distance Sn检测距离	1mm	2mm	1mm
DC 2 wire常开 (NO)	KJ508-D01DA-D2120	KT508-D02DA-D2120	KJ508-D01DA-D2150
DC 2 wire常闭 (NC)	KJ508-D01DB-D2120	KT508-D02DB-D2120	KJ508-D01DB-D2150
DC 3 wire NPN 常开 (NO)	KJ508-D01NA-D3120	KT508-D02NA-D3120	KJ508-D01NA-D3150
DC 3 wire NPN 常闭 (NC)	KJ508-D01NB-D3120	KT508-D02NB-D3120	KJ508-D01NB-D3150
DC 3 wire PNP 常开 (NO)	KJ508-D01PA-D3120	KT508-D02PA-D3120	KJ508-D01PA-D3150
DC 3 wire PNP 常闭 (NC)	KJ508-D01PB-D3120	KT508-D02PB-D3120	KJ508-D01PB-D3150
DC 3 wire NPN 常开 (NO)			
DC 3 wire NPN 常闭 (NC)			
DC 3 wire PNP 常开 (NO)			
DC 3 wire PNP 常闭 (NC)			
DC 4 wire NPN常开+常闭 (NO+NC)			
DC 4 wire PNP常开+常闭 (NO+NC)			
Machine Size Map 机械尺寸图			
Technical Data技术参数	DC 3 wire & DC4 wire		DC 2 wire
Operating Voltage / 工作电压	10-36VDC		10-36VDC
Max. Ripple / 涟波	<10%		<10%
No Load Current / 空载电流	<10mA		<10mA
Max. Load Current / 最大负载电流	120mA		100mA
Leakage Current / 漏电流	<0.01mA		<1.2mA
Voltage Drop / 电压降	<1.5V		<6V
Switching Frequency / 开关频率	Flush:800HZ ;Non -flush:500HZ		Flush:800HZ ;Non -flush:500HZ
Response Time / 响应时间	Flush:0.2ms ;Non -flush: 0.5ms		Flush:0.2ms ;Non -flush:0.5ms
Switching Hysteresis / 迟滞	<15%(Sr)		<15%(Sr)
Repeat Accuracy / 重复精度	<±1.0%(Sr)		<±1.0%(Sr)
Protection Category / 防护等级	IP67		IP67
Temperature Drift / 温度漂移	< ± 10%(Sr)		< ± 10%(Sr)
Short Circuit Protection / 短路保护	YES		YES
Overlod Trip Point / 过载保护电流	150mA		150mA
Reverse Polarity Protect / 反极性	YES		YES
Material Active Face / 感应面材质	PTFE（特氟龙）		PTFE（特氟龙）
Led Display / Led显示	NO		NO

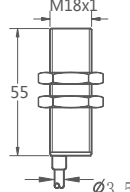
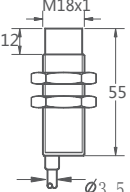
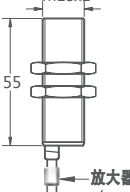
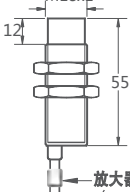
Dimension 外径尺寸	M8	M8	M8
Temperature 温度	150℃	180℃	180℃
Mounting 安装方式	 Non-flush非齐平	 Flush齐平	 Non-flush非齐平
Product Photo 产品图片			
Sensing Distance Sn检测距离	2mm	1mm	2mm
DC 2 wire常开 (NO)	KT508-D02DA-D2150	KJ508-D01DA-D2180	KT508-D02DA-D2180
DC 2 wire常闭 (NC)	KT508-D02DB-D2150	KJ508-D01DB-D2180	KT508-D02DB-D2180
DC 3 wire NPN 常开 (NO)	KT508-D02NA-D3150	KJ508-D01NA-D3180	KT508-D02NA-D3180
DC 3 wire NPN 常闭 (NC)	KT508-D02NB-D3150	KJ508-D01NB-D3180	KT508-D02NB-D3180
DC 3 wire PNP 常开 (NO)	KT508-D02PA-D3150	KJ508-D01PA-D3180	KT508-D02PA-D3180
DC 3 wire PNP 常闭 (NC)	KT508-D02PB-D3150	KJ508-D01PB-D3180	KT508-D02PB-D3180
DC 3 wire NPN 常开 (NO)			
DC 3 wire NPN 常闭 (NC)			
DC 3 wire PNP 常开 (NO)			
DC 3 wire PNP 常闭 (NC)			
DC 4 wire NPN 常开+常闭 (NO+NC)			
DC 4 wire PNP 常开+常闭 (NO+NC)			
Machine Size Map 机械尺寸图			
Technical Data技术参数	DC 3 wire & DC4 wire		DC 2 wire
Operating Voltage / 工作电压	10-36VDC		10-36VDC
Max. Ripple / 涟波	<10%		<10%
No Load Current / 空载电流	<10mA		<10mA
Max. Load Current / 最大负载电流	120mA		100mA
Leakge Current / 漏电流	<0.01mA		<1.2mA
VoltageDrop / 电压降	<1.5V		<6V
Switching Frequency/ 开关频率	Flush:400HZ ;Non -flush:300HZ		Flush:400HZ ;Non -flush:300HZ
Response Time / 响应时间	Flush:0.5ms ;Non -flush:0.5ms		Flush:0.5ms ;Non -flush:0.5ms
Switching Hysteresis / 迟滞	<15%(Sr)		<15%(Sr)
Repeat Accuracy / 重复精度	< ±1.0%(Sr)		< ±1.0%(Sr)
Protection Category / 防护等级	IP67		IP67
Temperature Drift / 温度漂移	< ±10%(Sr)		< ±10%(Sr)
Short Circuit Protection / 短路保护	YES		YES
Overlod Trip Point/过载保护电流	150mA		150mA
Reverse Polarity Protect/ 反极性	YES		YES
Material Active Face / 感应面材质	PTFE（特氟龙）		PTFE（特氟龙）
Led Display/ Led显示	NO		NO

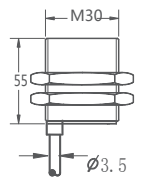
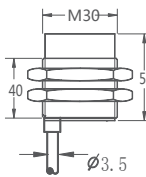
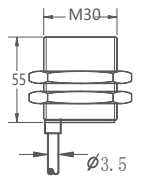
M8	M8	M12	M12
230℃	230℃	120℃	120℃
 Flush齐平	 Non-flush非齐平	 Flush齐平	 Non-flush非齐平
			
1mm	2mm	2mm	4mm
KJ508-D01DA-D2230	KT508-D02DA-D2230	KJ512-D02DA-D2120	KT512-D04DA-D2120
KJ508-D01DB-D2230	KT508-D02DB-D2230	KJ512-D02DB-D2120	KT512-D04DB-D2120
KJ508-D01NA-D3230	KT508-D02NA-D3230	KJ512-D02NA-D3120	KT512-D04NA-D3120
KJ508-D01NB-D3230	KT508-D02NB-D3230	KJ512-D02NB-D3120	KT512-D04NB-D3120
KJ508-D01PA-D3230	KT508-D02PA-D3230	KJ512-D02PA-D3120	KT512-D04PA-D3120
KJ508-D01PB-D3230	KT508-D02PB-D3230	KJ512-D02PB-D3120	KT512-D04PB-D3120
			
Technical Data技术参数	DC 3 wire & DC4 wire		DC 2 wire
Operating Voltage / 工作电压	10-36VDC		10-36VDC
Max. Ripple / 涟波	<10%		<10%
No Load Current / 空载电流	<10mA		<10mA
Max. Load Current / 最大负载电流	120mA		100mA
Leakge Current / 漏电流	<0.01mA		<1.2mA
Voltage Drop / 电压降	<1.5V		<6V
Switching Frequency / 开关频率	Flush:400HZ ;Non -flush300HZ		Flush:400HZ ;Non -flush:300HZ
Response Time / 响应时间	Flush:0.5ms ;Non -flush:0.5ms		Flush:0.5ms ;Non -flush:0.5ms
Switching Hysteresis / 迟滞	<15%(Sr)		<15%(Sr)
Repeat Accuracy / 重复精度	< ±1.0%(Sr)		< ±1.0%(Sr)
Protection Category / 防护等级	IP67		IP67
Temperature Drift / 温度漂移	< ±10%(Sr)		< ±10%(Sr)
Short Circuit Protection / 短路保护	YES		YES
Overlod Trip Point / 过载保护电流	150mA		150mA
Reverse Polarity Protect/ 反极性	YES		YES
Material Active Face / 感应面材质	PTFE（特氟龙）		PTFE（特氟龙）
Led Display/ Led 显示	NO		NO

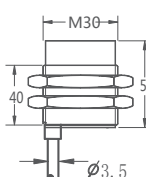
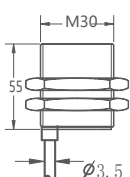
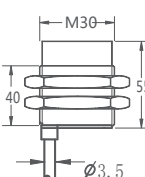
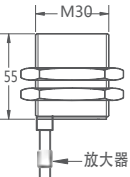
Dimension 外径尺寸	M12	M12	M12
Temperature 温度	150℃	150℃	180℃
Mounting 安装方式	 Flush齐平	 Non-flush非齐平	 Flush齐平
Product Photo 产品图片			
Sensing Distance Sn检测距离	2mm	4mm	2mm
DC 2 wire常开 (NO)	KJ512-D02DA-D2150	KT512-D04DA-D2150	KJ512-D02DA-D2180
DC 2 wire常闭 (NC)	KJ512-D02DB-D2150	KT512-D04DB-D2150	KJ512-D02DB-D2180
DC 3 wire NPN 常开 (NO)	KJ512-D02NA-D3150	KT512-D04NA-D3150	KJ512-D02NA-D3180
DC 3 wire NPN 常闭 (NC)	KJ512-D02NB-D3150	KT512-D04NB-D3150	KJ512-D02NB-D3180
DC 3 wire PNP 常开 (NO)	KJ512-D02PA-D3150	KT512-D04PA-D3150	KJ512-D02PA-D3180
DC 3 wire PNP 常闭 (NC)	KJ512-D02PB-D3150	KT512-D04PB-D3150	KJ512-D02PB-D3180
DC 3 wire NPN 常开 (NO)			
DC 3 wire NPN 常闭 (NC)			
DC 3 wire PNP 常开 (NO)			
DC 3 wire PNP 常闭 (NC)			
DC 4 wire NPN 常开+常闭 (NO+NC)			
DC 4 wire PNP 常开+常闭 (NO+NC)			
Machine Size Map 机械尺寸图			
Technical Data技术参数	DC 3 wire & DC4 wire		DC 2 wire
Operating Voltage / 工作电压	10-36VDC		10-36VDC
Max. Ripple / 涟波	<10%		<10%
No Load Current / 空载电流	<10mA		<10mA
Max. Load Current / 最大负载电流	120mA		100mA
Leakge Current / 漏电流	<0. 01mA		<1.2mA
VoltageDrop / 电压降	<1. 5V		<6V
Switching Frequency/ 开关频率	Flush:400HZ ;Non -flush:300HZ		Flush:400HZ ;Non -flush:300HZ
Response Time / 响应时间	Flush:0. 5ms ;Non -flush:0. 5ms		Flush:0. 5ms ;Non -flush:0. 5ms
Switching Hysteresis / 迟滞	<15%(Sr)		<15%(Sr)
Repeat Accuracy / 重复精度	< ±1.0%(Sr)		< ±1.0%(Sr)
Protection Category / 防护等级	IP67		IP67
Temperature Drift / 温度漂移	< ±10%(Sr)		< ±10%(Sr)
Short Circuit Protection / 短路保护	YES		YES
Overlod Trip Point / 过载保护电流	150mA		150mA
Reverse Polarity Protect / 反极性	YES		YES
Material Active Face / 感应面材质	PTFE (特氟龙)		PTFE (特氟龙)
Led Display / Led显示	NO		NO

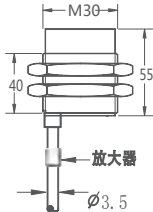
M12	M12	M12	M18
180℃	230℃	230℃	120℃
 Non-flush非齐平	 Flush齐平	 Non-flush非齐平	 Flush齐平
			
4mm	2mm	4mm	5mm
KT512-D04DA-D2180	KJ512-D02DA-D2230	KT512-D04DA-D2230	KJ518-D05DA-D2120
KT512-D04DB-D2180	KJ512-D02DB-D2230	KT512-D04DB-D2230	KJ518-D05DB-D2120
KT512-D04NA-D3180	KJ512-D02NA-D3230	KT512-D04NA-D3230	KJ518-D05NA-D3150
KT512-D04NB-D3180	KJ512-D02NB-D3230	KT512-D04NB-D3230	KJ518-D05NB-D3120
KT512-D04PA-D3180	KJ512-D02PA-D3230	KT512-D04PA-D3230	KJ518-D05PA-D3120
KT512-D04PB-D3180	KJ512-D02PB-D3230	KT512-D04PB-D3230	KJ518-D05PB-D3120
			
Technical Data技术参数		DC 3 wire & DC4 wire	DC 2 wire
Operating Voltage / 工作电压		10-36VDC	10-36VDC
Max. Ripple / 涟波		<10%	<10%
No Load Current / 空载电流		<10mA	<10mA
Max. Load Current / 最大负载电流		120mA	100mA
Leakge Current / 漏电流		<0. 01mA	<1.2mA
Voltage Drop / 电压降		<1. 5V	<6V
Switching Frequency / 开关频率		Flush:400HZ ;Non -flush300HZ	Flush:400HZ ;Non -flush:300HZ
Response Time / 响应时间		Flush:0. 5ms ;Non -flush:0. 5ms	Flush:0. 5ms ;Non -flush:0. 5ms
Switching Hysteresis / 迟滞		<15%(Sr)	<15%(Sr)
Repeat Accuracy / 重复精度		< ±1.0%(Sr)	< ±1.0%(Sr)
Protection Category / 防护等级		IP67	IP67
Temperature Drift / 温度漂移		< ±10%(Sr)	< ±10%(Sr)
Short Circuit Protection / 短路保护		YES	YES
Overlod Trip Point / 过载保护电流		150mA	150mA
Reverse Polarity Protect / 反极性		YES	YES
Material Active Face / 感应面材质		PTFE (特氟龙)	PTFE (特氟龙)
Led Display / Led 显示		NO	NO

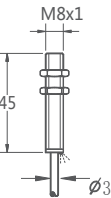
Dimension 外径尺寸	M18	M18	M18
Temperature 温度	120℃	150℃	150℃
Mounting 安装方式	 Non-flush非齐平	 Flush齐平	 Non-flush非齐平
Product Photo 产品图片			
Sensing Distance Sn检测距离	8mm	5mm	8mm
DC 2 wire常开 (NO)	KT518-D08DA-D2120	KJ518-D05DA-D2150	KT518-D08DA-D2150
DC 2 wire常闭 (NC)	KT518-D08DB-D2120	KJ518-D05DB-D2150	KT518-D08DB-D2150
DC 3 wire NPN 常开 (NO)	KT518-D08NA-D3120	KJ518-D05NA-D3150	KT518-D08NA-D3150
DC 3 wire NPN 常闭 (NC)	KT518-D08NB-D3120	KJ518-D05NB-D3150	KT518-D08NB-D3150
DC 3 wire PNP 常开 (NO)	KT518-D08PA-D3120	KJ518-D05PA-D3150	KT518-D08PA-D3150
DC 3 wire PNP 常闭 (NC)	KT518-D08PB-D3120	KJ518-D05PB-D3150	KT518-D08PB-D3150
DC 3 wire NPN 常开 (NO)			
DC 3 wire NPN 常闭 (NC)			
DC 3 wire PNP 常开 (NO)			
DC 3 wire PNP 常闭 (NC)			
DC 4 wire NPN 常开+常闭 (NO+NC)			
DC 4 wire PNP 常开+常闭 (NO+NC)			
Machine Size Map 机械尺寸图			
Technical Data技术参数	DC 3 wire & DC4 wire		DC 2 wire
Operating Voltage / 工作电压	10-36VDC		10-36VDC
Max. Ripple / 涟波	<10%		<10%
No Load Current / 空载电流	<10mA		<10mA
Max. Load Current / 最大负载电流	120mA		100mA
Leakge Current / 漏电流	<0.01mA		<1.2mA
VoltageDrop / 电压降	<1.5V		<6V
Switching Frequency/ 开关频率	Flush:400HZ ;Non -flush:300HZ		Flush:400HZ ;Non -flush:300HZ
Response Time / 响应时间	Flush:0.5ms ;Non -flush:0.5ms		Flush:0.5ms ;Non -flush:0.5ms
Switching Hysteresis / 迟滞	<15%(Sr)		<15%(Sr)
Repeat Accuracy/ 重复精度	< ±1.0%(Sr)		< ±1.0%(Sr)
Protection Category / 防护等级	IP67		IP67
Temperature Drift / 温度漂移	< ±10%(Sr)		< ±10%(Sr)
Short Circuit Protection / 短路保护	YES		YES
Overlod Trip Point /过载保护电流	150mA		150mA
Reverse Polarity Protect/ 反极性	YES		YES
Material Active Face / 感应面材质	PTFE（特氟龙）		PTFE（特氟龙）
Led Display/ Led显示	NO		NO

M18	M18	M18	M18
180℃	180℃	230℃	230℃
 Flush齐平	 Non-flush非齐平	 Flush齐平	 Non-flush非齐平
			
5mm	8mm	5mm	8mm
KJ518-D05DA-D2180	KT518-D08DA-D2180	KJ518-D05DA-D2230	KT518-D08DA-D2230
KJ518-D05DB-D2180	KT518-D08DB-D2180	KJ518-D05DB-D2230	KT518-D08DB-D2230
KJ518-D05NA-D3180	KT518-D08NA-D3180	KJ518-D05NA-D3230	KT518-D08NA-D3230
KJ518-D05NB-D3180	KT518-D08NB-D3180	KJ518-D05NB-D3230	KT518-D08NB-D3230
KJ518-D05PA-D3180	KT518-D08PA-D3180	KJ518-D05PA-D3230	KT518-D08PA-D3230
KJ518-D05PB-D3180	KT518-D08PB-D3180	KJ518-D05PB-D3230	KT518-D08PB-D3230
			
Technical Data技术参数	DC 3 wire & DC4 wire		DC 2 wire
Operating Voltage / 工作电压	10-36VDC		10-36VDC
Max. Ripple / 涟波	<10%		<10%
No Load Current / 空载电流	<10mA		<10mA
Max. Load Current / 最大负载电流	120mA		100mA
Leakge Current / 漏电流	<0.01mA		<1.2mA
Voltage Drop / 电压降	<1.5V		<6V
Switching Frequency / 开关频率	Flush:400HZ ;Non -flush300HZ		Flush:400HZ ;Non -flush:300HZ
Response Time / 响应时间	Flush:0.5ms ;Non -flush:0.5ms		Flush:0.5ms ;Non -flush:0.5ms
Switching Hysteresis / 迟滞	<15%(Sr)		<15%(Sr)
Repeat Accuracy / 重复精度	< ±1.0%(Sr)		< ±1.0%(Sr)
Protection Category/ 防护等级	IP67		IP67
Temperature Drift / 温度漂移	< ±10%(Sr)		< ±10%(Sr)
Short Circuit Protection / 短路保护	YES		YES
Overlod Trip Point / 过载保护电流	150mA		150mA
Reverse Polarity Protect/ 反极性	YES		YES
Material Active Face / 感应面材质	PTFE（特氟龙）		PTFE（特氟龙）
Led Display/ Led 显示	NO		NO

Dimension 外径尺寸	M30	M30	M30
Temperature 温度	120℃	120℃	150℃
Mounting 安装方式	 Flush齐平	 Non-flush非齐平	 Flush齐平
Product Photo 产品图片			
Sensing Distance Sn检测距离	10mm	15mm	10mm
DC 2 wire常开 (NO)	KJ530-D10DA-D2120	KT530-D15DA-D2120	KJ530-D10DA-D2150
DC 2 wire常闭 (NC)	KJ530-D10DB-D2120	KT530-D15DB-D2120	KJ530-D10DB-D2150
DC 3 wire NPN常开 (NO)	KJ530-D10NA-D3120	KT530-D15NA-D3120	KJ530-D10NA-D3150
DC 3 wire NPN常闭 (NC)	KJ530-D10NB-D3120	KT530-D15NB-D3120	KJ530-D10NB-D3150
DC 3 wire PNP常开 (NO)	KJ530-D10PA-D3120	KT530-D15PA-D3120	KJ530-D10PA-D3150
DC 3 wire PNP常闭 (NC)	KJ530-D10PB-D3120	KT530-D15PB-D3120	KJ530-D10PB-D3150
DC 3 wire NPN常开 (NO)			
DC 3 wire NPN常闭 (NC)			
DC 3 wire PNP常开 (NO)			
DC 3 wire PNP常闭 (NC)			
DC 4 wire NPN 常开+常闭 (NO+NC)			
DC 4 wire PNP 常开+常闭 (NO+NC)			
Machine Size Map 机械尺寸图			
Technical Data技术参数	DC 3 wire & DC 4 wire		DC 2 wire
Operating Voltage/工作电压	10-36VDC		10-36VDC
Max. Ripple /涟波	<10%		<10%
No Load Current /空载电流	<10mA		<10mA
Max. Load Current/最大负载电流	120mA		100mA
Leakge Current /漏电流	<0.01mA		<1.2mA
Voltage Drop /电压降	<1.5V		<6V
Switching Frequency /开关频率	Flush:400HZ ;Non -flush: 300HZ		Flush:400HZ ;Non -flush:300HZ
Response Time /响应时间	Flush:0.5ms ;Non -flush:0.5ms		Flush:0.5ms ;Non -flush:0.5ms
Switching Hysteresis /迟滞	<15%(Sr)		<15%(Sr)
Repeat Accuracy /重复精度	< ±1.0%(Sr)		< ±1.0%(Sr)
Protection Category/防护等级	IP67		IP67
Temperature Drift/温度漂移	< ±10%(Sr)		< ±10%(Sr)
Short Circuit Protection /短路保护	YES		YES
Overlod Trip Point/过载保护电流	150mA		150mA
Reverse Polarity Protect/反极性	YES		YES
Material Active Face/感应面材质	PTFE（特氟龙）		PTFE（特氟龙）
Led Display /Led显示	NO		NO

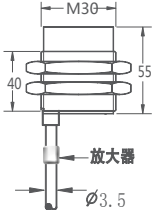
M30	M30	M30	M30
150℃	180℃	180℃	230℃
 Non-flush非齐平	 Flush齐平	 Non-flush非齐平	 Flush齐平
			
15mm	10mm	15mm	10mm
KT530-D15DA-D2150	KJ530-D10DA-D2180	KT530-D15DA-D2180	KJ530-D10DA-D2230
KT530-D15DB-D2150	KJ530-D10DB-D2180	KT530-D15DB-D2180	KJ530-D10DB-D2230
KT530-D15NA-D3150	KJ530-D10NA-D3180	KT530-D15NA-D3180	KJ530-D10NA-D3230
KT530-D15NB-D3150	KJ530-D10NB-D3180	KT530-D15NB-D3180	KJ530-D10NB-D3230
KT530-D15PA-D3150	KJ530-D10PA-D3180	KT530-D15PA-D3180	KJ530-D10PA-D3230
KT530-D15PB-D3150	KJ530-D10PB-D3180	KT530-D15PB-D3180	KJ530-D10PB-D3230
			
Technical Data 技术参数	DC 3 wire & DC 4 wire		DC 2 wire
Operating Voltage/工作电压	10-36VDC		10-36VDC
Max. Ripple /涟波	<10%		<10%
No Load Current /空载电流	<10mA		<10mA
Max. Load Current/最大负载电流	120mA		100mA
Leakge Current /漏电流	<0.01mA		<1.2mA
VoltageDrop /电压降	<1.5V		<6V
Switching Frequency /开关频率	Flush:200HZ ;Non -flush150HZ		Flush:200HZ ;Non -flush150HZ
Response Time /响应时间	Flush:0.5ms ;Non -flush:1ms		Flush:0.5ms ;Non -flush:1ms
Switching Hysteresis/迟滞	<15%(Sr)		<15%(Sr)
Repeat Accuracy /重复精度	< ±1.0%(Sr)		< ±1.0%(Sr)
Protection Category/防护等级	IP67		IP67
Temperature Drift/温度漂移	< ±10%(Sr)		< ±10%(Sr)
Short Circuit Protection /短路保护	YES		YES
Overlod Trip Point/过载保护电流	150mA		150mA
Reverse Polarity Protect/反极性	YES		YES
Material Active Face /感应面材质	PTFE（特氟龙）		PTFE（特氟龙）
Led Display /Led显示	NO		NO

Dimension 外径尺寸	M30		
Temperature 温度	230℃		
Mounting 安装方式	 Non-flush非齐平		
Product Photo 产品图片			
Sensing Distance Sn检测距离	15mm		
DC 2 wire常开 (NO)	KT530-D15DA-D2230		
DC 2 wire常闭 (NC)	KT530-D15DB-D2230		
DC 3 wire NPN常开 (NO)	KT530-D15NA-D3230		
DC 3 wire NPN常闭 (NC)	KT530-D15NB-D3230		
DC 3 wire PNP常开 (NO)	KT530-D15PA-D3230		
DC 3 wire PNP常闭 (NC)	KT530-D15PB-D3230		
DC 3 wire NPN常开 (NO)			
DC 3 wire NPN常闭 (NC)			
DC 3 wire PNP常开 (NO)			
DC 3 wire PNP常闭 (NC)			
DC 4 wire NPN 常开+常闭 (NO+NC)			
DC 4 wire PNP 常开+常闭 (NO+NC)			
Machine Size Map 机械尺寸图			
Technical Data技术参数	DC 3 wire & DC 4 wire	DC 2 wire	
Operating Voltage/工作电压	10-36VDC	10-36VDC	
Max. Ripple /涟波	<10%	<10%	
No Load Current / 空载电流	<10mA	<10mA	
Max. Load Current/ 最大负载电流	120mA	100mA	
Leakge Current / 漏电流	<0.01mA	<1.2mA	
Voltage Drop / 电压降	<1.5V	<6V	
Switching Frequency / 开关频率	Flush:400HZ ;Non -flush: 300HZ	Flush:400HZ ;Non -flush:300HZ	
Response Time / 响应时间	Flush:0.5ms ;Non -flush:0.5ms	Flush:0.5ms ;Non -flush:0.5ms	
Switching Hysteresis/ 迟滞	<15%(Sr)	<15%(Sr)	
Repeat Accuracy / 重复精度	< ±1.0%(Sr)	< ±1.0%(Sr)	
Protection Category/ 防护等级	IP67	IP67	
Temperature Drift/ 温度漂移	< ±10%(Sr)	< ±10%(Sr)	
Short Circuit Protection / 短路保护	YES	YES	
Overlod Trip Point / 过载保护电流	150mA	150mA	
Reverse Polarity Protect/ 反极性	YES	YES	
Material Active Face/ 感应面材质	PTFE（特氟龙）	PTFE（特氟龙）	
Led Display / Led显示	NO	NO	

			M8
			-40℃+70℃
			 Flush齐平
			
			1/2mm
			KJ708-D01DA-D2-40
			KJ708-D01DB-D2-40
			KJ708-D01NA-D3-40
			KJ708-D01NB-D3-40
			KJ708-D01PA-D3-40
			KJ708-D01PB-D3-40
			
Technical Data技术参数	DC 3 wire & DC 4 wire	DC 2 wire	
Operating Voltage/ 工作电压	10-36VDC	10-36VDC	
Max. Ripple / 涟波	<10%	<10%	
No Load Current / 空载电流	<10mA	<10mA	
Max. Load Current/ 最大负载电流	120mA	100mA	
Leakge Current / 漏电流	<0.01mA	<1.2mA	
Voltage Drop / 电压降	<1.5V	<6V	
Switching Frequency / 开关频率	Flush:1KHZ ;Non -flush: 800HZ	Flush:1KHZ ;Non -flush:800HZ	
Response Time / 响应时间	Flush:0.1ms ;Non -flush:0.2ms	Flush:0.1ms ; Non -flush:0.2ms	
Switching Hysteresis/ 迟滞	<15%(Sr)	<15%(Sr)	
Repeat Accuracy / 重复精度	< ±1.0%(Sr)	< ±1.0%(Sr)	
Protection Category/ 防护等级	IP67	IP67	
Temperature Drift/ 温度漂移	< ±10%(Sr)	< ±10%(Sr)	
Short Circuit Protection / 短路保护	YES	YES	
Overlod TripPoint/ 过载保护电流	150mA	150mA	
Reverse Polarity Protect/ 反极性	YES	YES	
Material Active Face / 感应面材质	POM	POM	
Led Display / Led显示	NO	NO	

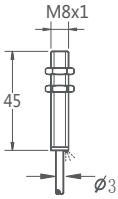
耐高温接近传感器

HIGH TEMPER ATURE PROXIMITY SENSOR

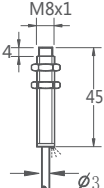
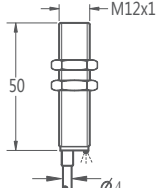
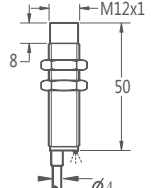
Dimension 外径尺寸	M30		
Temperature 温度	230℃		
Mounting 安装方式	 Non-flush非齐平		
Product Photo 产品图片			
Sensing Distance Sn检测距离	15mm		
DC 2 wire常开 (NO)	KT530-D15DA-D2230		
DC 2 wire常闭 (NC)	KT530-D15DB-D2230		
DC 3 wire NPN常开 (NO)	KT530-D15NA-D3230		
DC 3 wire NPN常闭 (NC)	KT530-D15NB-D3230		
DC 3 wire PNP常开 (NO)	KT530-D15PA-D3230		
DC 3 wire PNP常闭 (NC)	KT530-D15PB-D3230		
DC 3 wire NPN常开 (NO)			
DC 3 wire NPN常闭 (NC)			
DC 3 wire PNP常开 (NO)			
DC 3 wire PNP常闭 (NC)			
DC 4 wire NPN 常开+常闭 (NO+NC)			
DC 4 wire PNP 常开+常闭 (NO+NC)			
Machine Size Map 机械尺寸图			
Technical Data技术参数	DC 3 wire & DC4 wire	DC 2 wire	
Operating Voltage/ 工作电压	10-36VDC	10-36VDC	
Max. Ripple /涟波	<10%	<10%	
No Load Current / 空载电流	<10mA	<10mA	
Max. Load Current/ 最大负载电流	120mA	100mA	
Leakge Current / 漏电流	<0. 01mA	<1.2mA	
Voltage Drop / 电压降	<1. 5V	<6V	
Switching Frequency / 开关频率	Flush:400HZ ;Non -flush: 300HZ	Flush:400HZ ;Non -flush:300HZ	
Response Time / 响应时间	Flush:0. 5ms ;Non -flush:0. 5ms	Flush:0. 5ms ;Non -flush:0. 5ms	
Switching Hysteresis / 迟滞	<15%(Sr)	<15%(Sr)	
Repeat Accuracy / 重复精度	< ±1.0%(Sr)	< ±1.0%(Sr)	
Protection Category/ 防护等级	IP67	IP67	
Temperature Drift/ 温度漂移	< ± 10%(Sr)	< ± 10%(Sr)	
Short Circuit Protection / 短路保护	YES	YES	
Overlod Trip Point/ 过载保护电流	150mA	150mA	
Reverse Polarity Protect/ 反极性	YES	YES	
Material Active Face/ 感应面材质	PTFE（特氟龙）	PTFE（特氟龙）	
Led Display / Led显示	NO	NO	

耐低温接近传感器

LOW TEMPER ATURE PROXIMITY SENSOR

			M8
			-40℃+70℃
			 Flush齐平
			
			1/2mm
			KJ708-D01DA-D2-40
			KJ708-D01DB-D2-40
			KJ708-D01NA-D3-40
			KJ708-D01NB-D3-40
			KJ708-D01PA-D3-40
			KJ708-D01PB-D3-40
			
Technical Data技术参数	DC 3 wire & DC4 wire	DC 2 wire	
Operating Voltage/ 工作电压	10-36VDC	10-36VDC	
Max. Ripple /涟波	<10%	<10%	
No Load Current / 空载电流	<10mA	<10mA	
Max. Load Current/ 最大负载电流	120mA	100mA	
Leakge Current / 漏电流	<0. 01mA	<1.2mA	
Voltage Drop / 电压降	<1. 5V	<6V	
Switching Frequency / 开关频率	Flush:1KHZ ;Non -flush:800HZ	Flush:1KHZ ;Non -flush:800HZ	
Response Time / 响应时间	Flush:0. 1ms ;Non -flush:0. 2ms	Flush:0. 1ms ; Non -flush:0. 2ms	
Switching Hysteresis / 迟滞	<15%(Sr)	<15%(Sr)	
Repeat Accuracy / 重复精度	< ±1.0%(Sr)	< ±1.0%(Sr)	
Protection Category/ 防护等级	IP67	IP67	
Temperature Drift/ 温度漂移	< ± 10%(Sr)	< ± 10%(Sr)	
Short Circuit Protection / 短路保护	YES	YES	
Overlod TripPoint/ 过载保护电流	150mA	150mA	
Reverse Polarity Protect/ 反极性	YES	YES	
Material Active Face/ 感应面材质	POM	POM	
Led Display / Led显示	NO	NO	

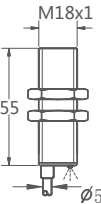
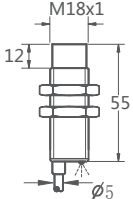
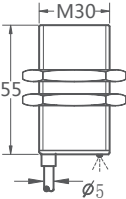
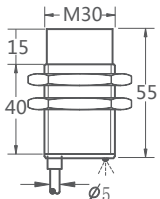
耐低温接近传感器 LOW TEMPERATURE PROXIMITY SENSOR

Dimension 外形尺寸	M8	M12	M12
Temperature 温度	-40℃+70℃	-40℃+70℃	-40℃+70℃
Mounting 安装方式	 Non-flush非齐平	 Flush齐平	 Non-flush非齐平
Product Photo 产品图片			
Sensing Distance Sn检测距离	2/3mm	2/4mm	4/8mm
DC 2 wire常开 (NO)	KT708-D02DA-D2-40	KJ712-D02DA-D2-40	KT712-D04DA-D2-40
DC 2 wire常闭 (NC)	KT708-D02DB-D2-40	KJ712-D02DB-D2-40	KT712-D04DB-D2-40
DC 3 wire NPN 常开 (NO)	KT708-D02NA-D3-40	KJ712-D02NA-D3-40	KT712-D04NA-D3-40
DC 3 wire NPN 常闭 (NC)	KT708-D02NB-D3-40	KJ712-D02NB-D3-40	KT712-D04NB-D3-40
DC 3 wire PNP 常开 (NO)	KT708-D02PA-D3-40	KJ712-D02PA-D3-40	KT712-D04PA-D3-40
DC 3 wire PNP 常闭 (NC)	KT708-D02PB-D3-40	KJ712-D02PB-D3-40	KT712-D04PB-D3-40
DC 3 wire NPN 常开 (NO)			
DC 3 wire NPN 常闭 (NC)			
DC 3 wire PNP 常开 (NO)			
DC 3 wire PNP 常闭 (NC)			
DC 4 wire NPN 常开+常闭 (NO+NC)			
DC 4 wire PNP 常开+常闭 (NO+NC)			
Machine Size Map 机械尺寸图			

Technical Data技术参数	DC 3 wire & DC4 wire	DC 2 wire
Operating Voltage / 工作电压	10-36VDC	10-36VDC
Max. Ripple / 涟波	<10%	<10%
No Load Current / 空载电流	<10mA	<10mA
Max. Load Current/ 最大负载电流	120mA	100mA
Leakge Current / 漏电流	<0. 01mA	<1.2mA
Voltage Drop / 电压降	<1. 5V	<6V
Switching Frequency / 开关频率	Flush:200HZ ; Non -flush:150HZ	Flush:200HZ ; Non -flush:150HZ
Response Time / 响应时间	Flush:0. 5ms ; Non -flush:1ms	Flush:0. 5ms ; Non -flush:1ms
Switching Hysteresis / 迟滞	<15%(Sr)	<15%(Sr)
Repeat Accuracy/ 重复精度	< ± 1.0%(Sr)	< ± 1.0%(Sr)
Protection Category/ 防护等级	IP67	IP67
Temperature Drift / 温度漂移	< ± 10%(Sr)	< ± 10%(Sr)
Short Circuit Protection / 短路保护	YES	YES
Overlod TripPoint/ 过载保护电流	150mA	150mA
Reverse Polarity Protect / 反极性	YES	YES
Material Active Face / 感应面材质	POM	POM
Led Display / Led显示	NO	NO

耐低温接近传感器

LOW TEMPERATURE PROXIMITY SENSOR

M18	M18	M30	M30
-40℃+70℃	-40℃+70℃	-40℃+70℃	-40℃+70℃
 Flush齐平	 Non-flush非齐平	 Flush齐平	 Non-flush非齐平
			
5/8mm	8/16mm	10/16mm	15/25mm
KJ718-D05DA-D2-40	KT718-D08DA-D2-40	KJ730-D10DA-D2-40	KT730-D15DA-D2-40
KJ718-D05DB-D2-40	KT718-D08DB-D2-40	KJ730-D10DB-D2-40	KT730-D15DB-D2-40
KJ718-D05NA-D3-40	KT718-D08NA-D3-40	KJ730-D10NA-D3-40	KT730-D15NA-D3-40
KJ718-D05NB-D3-40	KT718-D08NB-D3-40	KJ730-D10NB-D3-40	KT730-D15NB-D3-40
KJ718-D05PA-D3-40	KT718-D08PA-D3-40	KJ730-D10PA-D3-40	KT730-D15PA-D3-40
KJ718-D05PB-D3-40	KT718-D08PB-D3-40	KJ730-D10PB-D3-40	KT730-D15PB-D3-40
			

Technical Data技术参数	DC 3 wire & DC 4 wire	DC 2 wire
Operating Voltage / 工作电压	10~36VDC	10~36VDC
Max. Ripple / 涟波	<10%	<10%
No Load Current / 空载电流	<10mA	<10mA
Max. Load Current/ 最大负载电流	120mA	100mA
Leakge Current / 漏电流	<0. 01mA	<1.2mA
Voltage Drop / 电压降	<1. 5V	<6V
Switching Frequency / 开关频率	Flush:200HZ ;Non -flush:150HZ	Flush:200HZ;Non -flush:150HZ
Response Time / 响应时间	Flush:0. 5ms ; Non -flush:1ms	Flush:0. 5ms ;Non -flush:1ms
Switching Hysteresis/ 迟滞	<15%(Sr)	<15%(Sr)
Repeat Accuracy / 重复精度	< ±1.0%(Sr)	< ±1.0%(Sr)
Protection Category/ 防护等级	IP67	IP67
Temperature Drift / 温度漂移	< ± 10% (Sr)	< ± 10% (Sr)
Short Circuit Protection / 短路保护	YES	YES
Overlod TripPoint/ 过载保护电流	150mA	150mA
Reverse Polarity Protect/ 反极性	YES	YES
Material Active Face/ 感应面材质	POM	POM
Led Display / Led显示	NO	NO

Analog Output Proximity Sensor

模拟量输出接近传感器

工作原理

当一个金属物体靠近传感器感应面时，振荡器系统的能量减小，能量减小的程度是物体传感器之间距离的尺寸标志，在附加电路中能量损耗被转换成测量信号，经线性化处理后被放大，在输出器提供一个标准模拟信号。

用于金属物体的非接触位移测量，测量范围1-20mm，标准模拟量0-10VDC，4-20mA输出或者两者同时输出。高精度的线性类比输出，IP67的防护等级，可以从容应对工作环境的选择。

特别适用于：

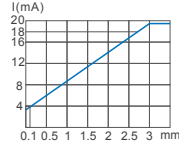
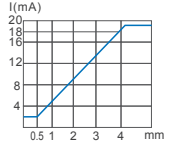
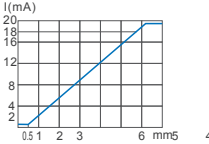
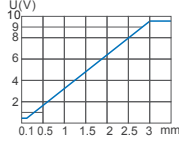
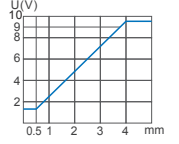
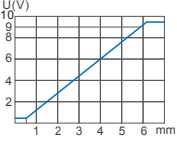
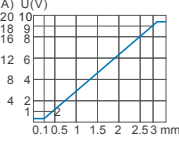
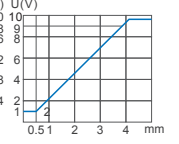
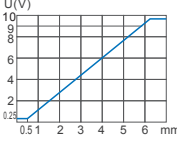
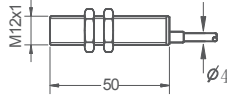
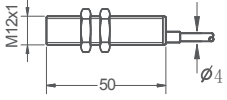
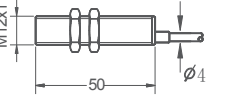
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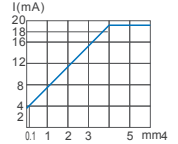
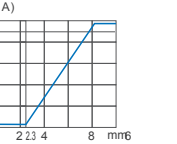
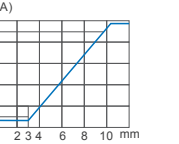
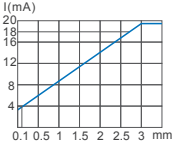
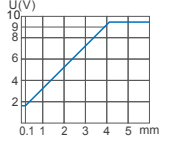
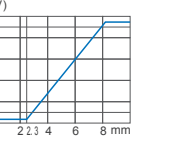
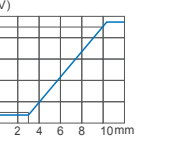
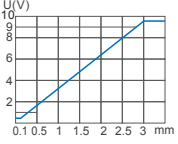
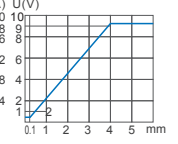
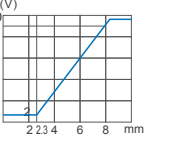
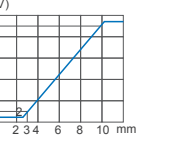
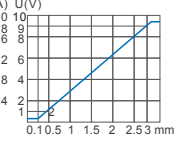
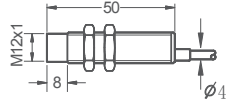
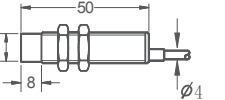
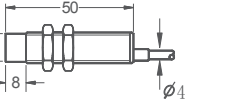
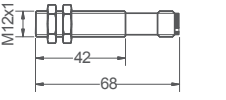
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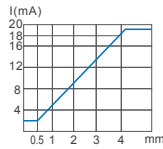
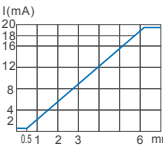
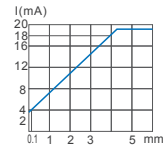
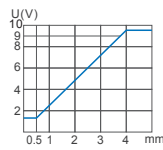
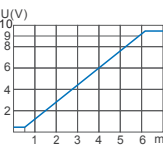
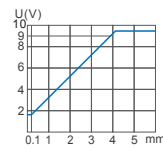
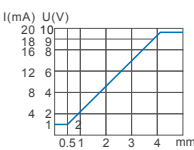
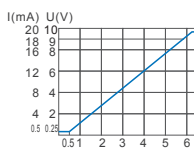
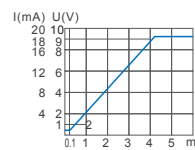
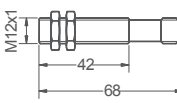
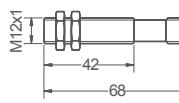
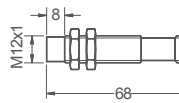
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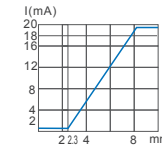
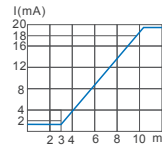
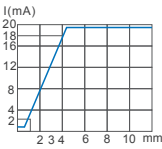
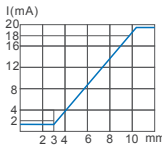
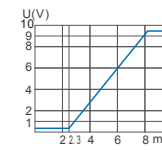
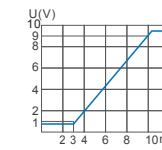
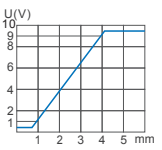
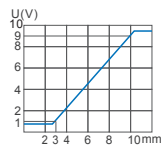
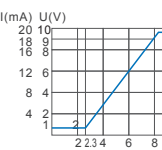
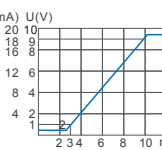
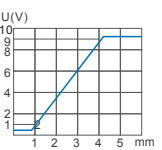
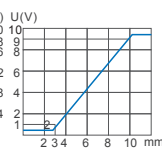
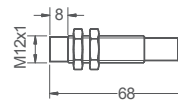
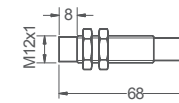
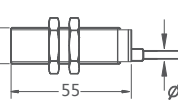
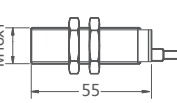
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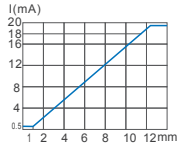
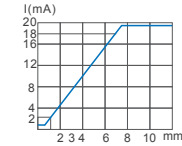
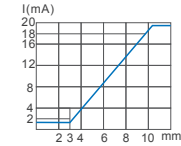
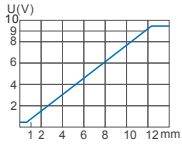
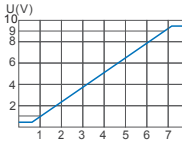
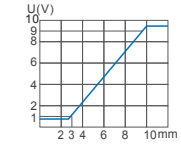
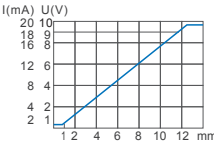
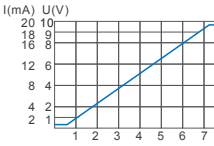
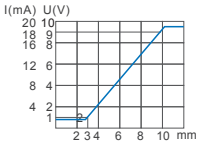
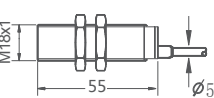
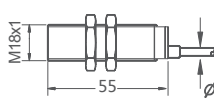
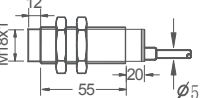


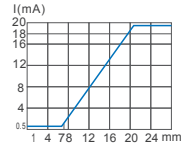
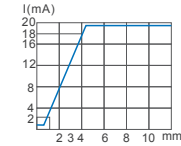
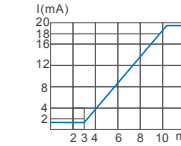
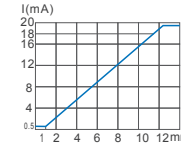
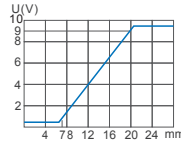
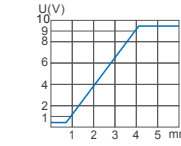
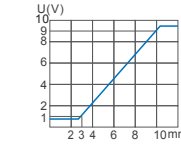
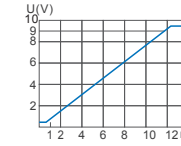
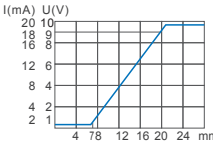
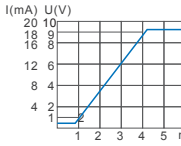
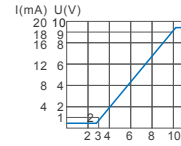
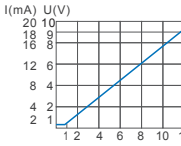
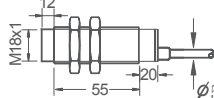
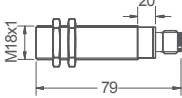
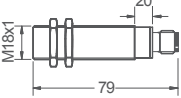
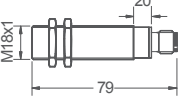
Dimension 外径尺寸	M12	M12	M12
Mounting 安装方式	 Flush齐平	 Flush齐平	 Flush齐平
Sensing Distance Sn检测距离	0.1-3mm	0.5-4mm	0.5-6mm
Product Photo 产品图片			
Current output 电流输出	KJ112-D03FD-E3 	KJ112-D04FD-E3 	KJ112-D06FD-E3 
Voltage output 电压输出	KJ112-D03FE-E3 	KJ112-D04FE-E3 	KJ112-D06FE-E3 
Current and voltageoutput 电流+ 电压双输出	KJ112-D03FF-E4 	KJ112-D04FF-E4 	KJ112-D06FF-E4 
Machine Size Map 机械尺寸图			
Technical Data技术参数			
Operating Voltage / 工作电压	15-30VDC		
Max. Ripple / 涟波	<10%		
No Load Current / 无负载电流	<35mA		
Load Resistor / 负载电阻	Output Voltage1: 0-10VDC/≥2KΩ	Output Current: 4-20mA / 400Ω Max.	Current and voltage output: 0-10VDC/≥2KΩ ; 0-20mA / 400 Ω
Linearity/ 线性度	< % 5		
Repeat Accuracy / 重复精度	0.02mm		
Ambient Temper ature/ 工作温度	0℃-+70℃		
Temperature Drift / 温度漂移	< ±5%(Sr)		
Reverse Polarity Protection / 反极性保护	YES		
Protection Degree / 防护等级	IP67		
Output Signal/ 输出信号	PNP-ANALOG		
Switching Frequency Max./ 开关频率	M12 : 500Hz		
Material Active Face / 感应面材质	POM		
Led Display/ Led显示	NO		

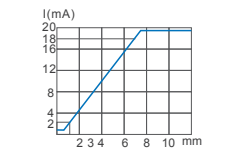
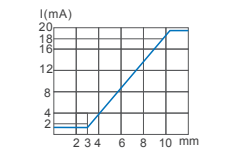
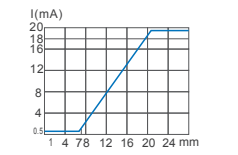
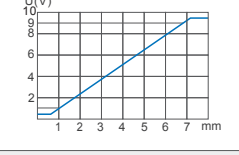
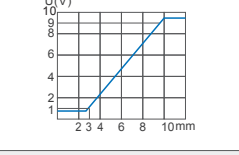
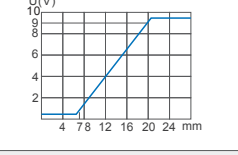
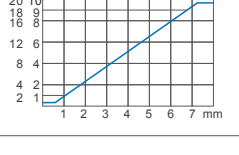
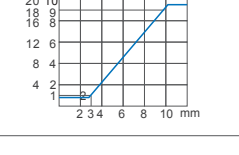
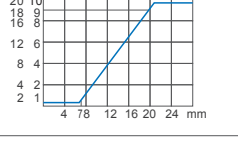
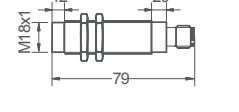
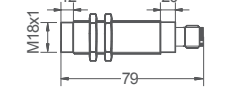
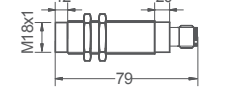
M12	M12	M12	M12
 Non-flush非齐平	 Non-flush非齐平	 Non-flush非齐平	 Flush齐平
0.1-4mm	2,3-8mm	3-10mm	0.1-3mm
			
KT112-D04FD-E3 	KT112-D08FD-E3 	KT112-D10FD-E3 	KJ112-D03FD-ES12 
KT112-D04FE-E3 	KT112-D08FE-E3 	KT112-D10FE-E3 	KJ112-D03FE-ES12 
KT112-D04FF-E4 	KT112-D08FF-E4 	KT112-D10FF-E4 	KJ112-D03FF-ES12 
			
Technical Data技术参数			
Operating Voltage / 工作电压	15-30VDC		
Max. Ripple / 涟波	<10%		
No Load Current / 无负载电流	<35mA		
Load Resistor / 负载电阻	Output Voltage1: 0-10VDC/≥2KΩ	Output Current: 4-20mA / 400Ω Max.	Current and voltage output: 0-10VDC/≥2KΩ ; 0-20mA / 400 Ω
Linearity/ 线性度	< % 5		
Repeat Accuracy / 重复精度	0.02mm		
Ambient Temperature / 工作温度	0℃-+70℃		
Temperature Drift / 温度漂移	< ±5%(Sr)		
Reverse Polarity Protection/ 反极性保护	YES		
Protection Degree / 防护等级	IP67		
Output Signal/ 输出信号	PNP-ANALOG		
Switching Frequency Max./ 开关频率	M12 : 500Hz		
Material Active Face / 感应面材质	POM		
Led Display/ Led显示	NO		

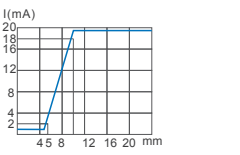
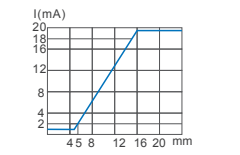
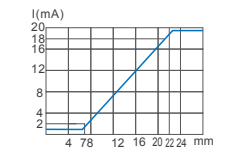
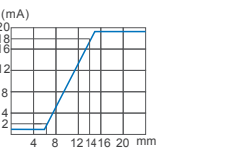
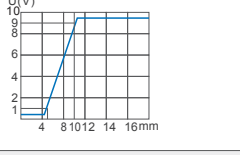
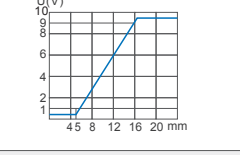
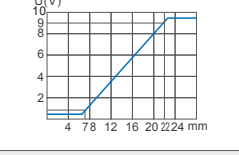
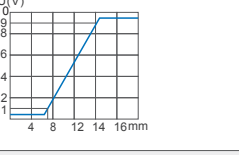
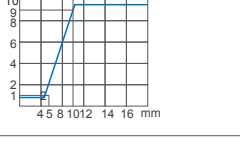
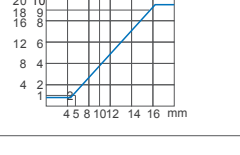
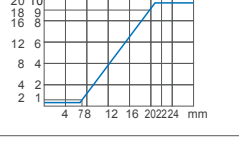
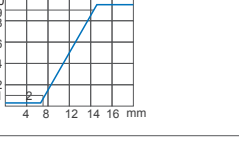
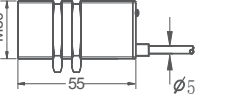
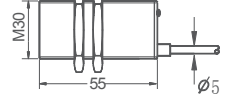
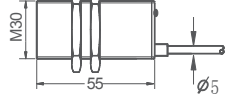
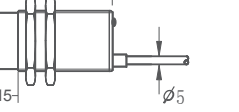
Dimension 外径尺寸	M12	M12	M12
Mounting 安装方式	 Flush齐平	 Flush齐平	 Non-flush非齐平
Sensing Distance Sn检测距离	0.5-4mm	0.5-6mm	0.1-4mm
Product Photo 产品图片			
Current output 电流输出	KJ112-D04FD-ES12	KJ112-D06FD-ES12	KT112-D04FD-ES12
			
Voltage output 电压输出	KJ112-D04FE-ES12	KJ112-D06FE-ES12	KT112-D04FE-ES12
			
Current and voltageoutput 电流+ 电压双输出	KJ112-D04FF-ES12	KJ112-D06FF-ES12	KT112-D04FF-ES12
			
Machine Size Map 机械尺寸图			
Technical Data技术参数			
Operating Voltage / 工作电压	15-30VDC		
Max. Ripple / 涟波	<10%		
No Load Current/ 无负载电流	<35mA		
Load Resistor / 负载电阻	Output Voltagel: 0-10VDC / ≥2K Ω	Output Current: 4-20mA / 400 Ω Max.	Current and voltage output: 0-10VDC / ≥2K Ω ; 0-20mA / 400 Ω
Linearity/ 线性度	< % 5		
Repeat Accuracy/ 重复精度	0.02mm		
Ambient Temperature / 工作温度	0℃-+70℃		
Temperature Drift / 温度漂移	< ±5%(Sr)		
ReversePolarity Protection / 反极性保护	YES		
Protection Degree / 防护等级	IP67		
Output Signal/ 输出信号	PNP-ANALOG		
Switching Frequency Max ./ 开关频率	M12 : 500Hz		
Material Active Face/ 感应面材质	POM		
Led Display/ Led 显示	NO		

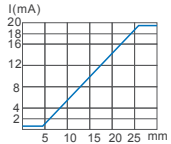
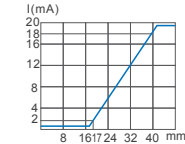
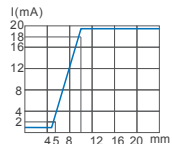
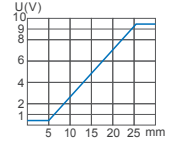
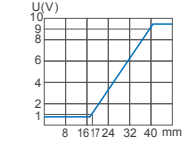
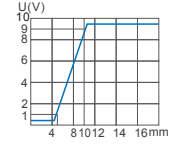
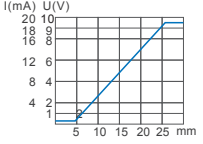
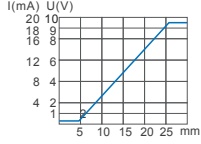
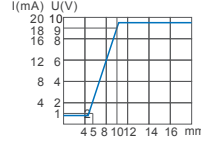
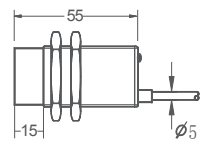
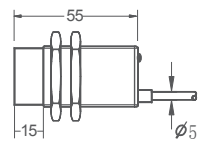
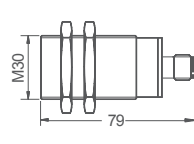
M12	M12	M18	M18
 Non-flush非齐平	 Non-flush非齐平	 Flush齐平	 Flush齐平
2.3-8mm	3-10mm	1-4mm	3-10mm
			
KT112-D08FD-ES12	KT112-D10FD-ES12	KJ118-D04FD-E3	KJ118-D10FD-E3
			
KT112-D08FE-ES12	KT112-D10FE-ES12	KJ118-D04FE-E3	KJ118-D10FE-E3
			
KT112-D08FF-ES12	KT112-D10FF-ES12	KJ118-D04FF-E4	KJ118-D10FF-E4
			
			
Technical Data技术参数			
Operating Voltage / 工作电压	15-30VDC		
Max. Ripple / 涟波	<10%		
No Load Current/ 无负载电流	<35mA		
Load Resistor / 负载电阻	Output Voltagel: 0-10VDC / ≥2K Ω	Output Current: 4-20mA / 400 Ω Max.	Current and voltage output: 0-10VDC / ≥2K Ω ; 0-20mA / 400 Ω
Linearity/ 线性度	< % 5		
Repeat Accuracy/ 重复精度	0.02mm		
Ambient Temperature / 工作温度	0℃-+70℃		
Temperature Drift / 温度漂移	< ±5%(Sr)		
ReversePolarity Protection / 反极性保护	YES		
Protection Degree / 防护等级	IP67		
Output Signal/ 输出信号	PNP-ANALOG		
Switching Frequency Max ./ 开关频率	M12 : 500Hz		M18 : 500Hz
Material Active Face/ 感应面材质	POM		
Led Display/ Led显示	NO		

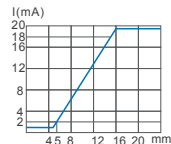
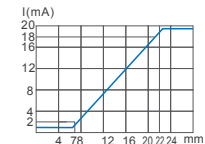
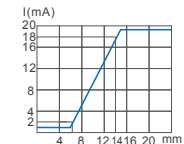
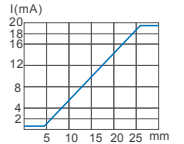
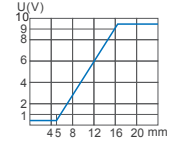
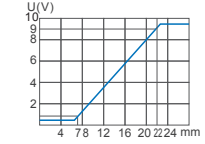
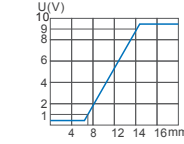
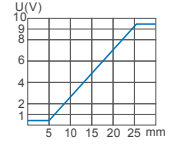
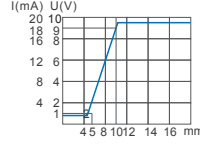
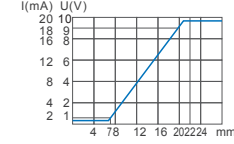
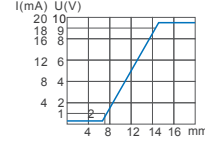
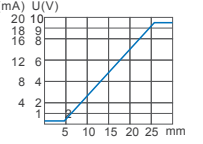
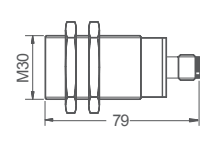
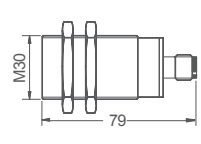
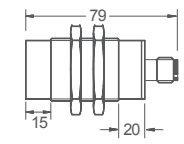
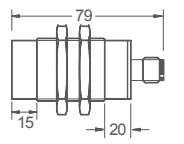
Dimension 外径尺寸	M18	M18	M18
Mounting 安装方式	 Flush齐平	 Non-flush非齐平	 Non-flush非齐平
Sensing Distance Sn检测距离	1-12mm	1-7mm	3-10mm
Product Photo 产品图片			
Current output 电流输出	KJ118-D12FD-E3	KT118-D07FD-E3	KT118-D10FD-E3
			
Voltage output 电压输出	KJ118-D12FE-E3	KT118-D07FE-E3	KT118-D10FE-E3
			
Current and voltageoutput 电流+ 电压双输出	KJ118-D12FF-E4	KT118-D07FF-E4	KT118-D10FF-E4
			
Machine Size Map 机械尺寸图			
Technical Data技术参数			
Operating Voltage / 工作电压	15-30VDC		
Max. Ripple / 涟波	<10%		
No Load Current / 无负载电流	<35mA		
Load Resistor / 负载电阻	Output Votagel: 0-10VDC/≥2KΩ	Output Current: 4-20mA /400 ΩM ax.	Current and voltage output: 0-10VDC/≥2KΩ ;0-20mA /400 Ω
Linearity/ 线性度	< % 5		
Repeat Accuracy/ 重复精度	0.02mm		
Ambient Temperature / 工作温度	0℃-+70℃		
Temperature Drift/ 温度漂移	< ±5%(Sr)		
Reverse Polarity Protection/ 反极性保护	YES		
Protection Degree / 防护等级	IP67		
Output Signal/ 输出信号	PNP-ANALOG		
Switching Frequency Max./ 开关频率	M18 : 500Hz		
Material Active Face/ 感应面材质	POM		
Led Display/ Led显示	NO		

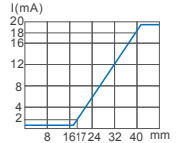
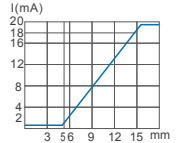
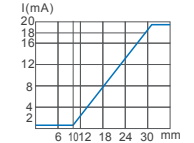
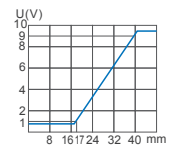
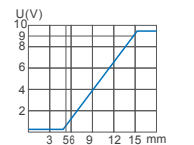
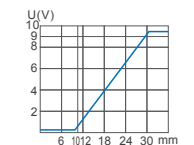
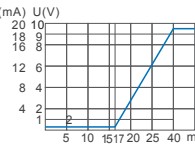
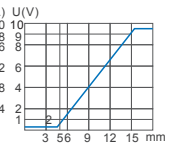
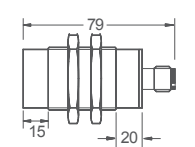
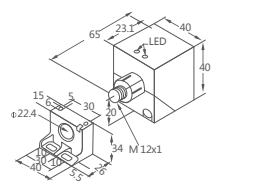
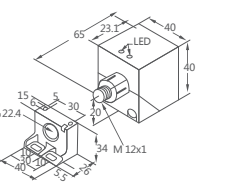
M18	M18	M18	M18
 Non-flush非齐平	 Flush齐平	 Flush齐平	 Flush齐平
7-20mm	1-4mm	3-10mm	1-12mm
			
KT118-D20FD-E3	KJ118-D04FD-ES12	KJ118-D10FD-ES12	KJ118-D12FD-ES12
			
KT118-D20FE-E3	KJ118-D04FE-ES12	KJ118-D10FE-ES12	KJ118-D12FE-ES12
			
KT118-D20FF-E4	KJ118-D04FF-ES12	KJ118-D10FF-ES12	KJ118-D12FF-ES12
			
			
Technical Data技术参数			
Operating Voltage / 工作电压	15-30VDC		
Max. Ripple / 涟波	<10%		
No Load Current / 无负载电流	<35mA		
Load Resistor/ 负载电阻	Output Votagel: 0-10VDC/≥2KΩ	Output Current: 4-20mA /400 Ω Max.	Current and voltage output: 0-10VDC/≥2KΩ ;0-20mA /400 Ω
Linearity/ 线性度	< % 5		
Repeat Accuracy/ 重复精度	0.02mm		
Ambient Temperature / 工作温度	0℃-+70℃		
Temperature Drift/ 温度漂移	< ±5%(Sr)		
Reverse Polarity Protection/ 反极性保护	YES		
Protection Degree / 防护等级	IP67		
Output Signal/ 输出信号	PNP-ANALOG		
Switching Frequency Max./ 开关频率	M18 : 500Hz		
Material Active Face/ 感应面材质	POM		
Led Display/ Led显示	NO		

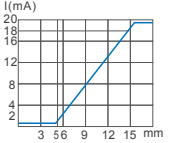
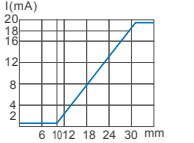
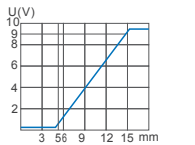
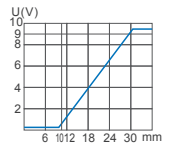
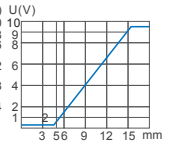
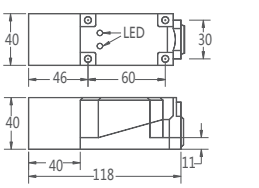
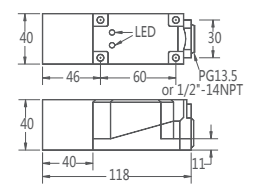
Dimension 外径尺寸	M18	M18	M18
Mounting 安装方式	 Non-flush非齐平	 Non-flush非齐平	 Non-flush非齐平
Sensing Distance Sn检测距离	1-7mm	3-10mm	7-20mm
Product Photo 产品图片			
Current output 电流输出	KT118-D07FD-ES12 	KT118-D10FD-ES12 	KT118-D20FD-ES12 
Voltage output 电压输出	KT118-D07FE-ES12 	KT118-D10FE-ES12 	KT118-D20FE-ES12 
Current and voltageoutput 电流+ 电压双输出	KT118-D07FF-ES12 	KT118-D10FF-ES12 	KT118-D20FF-ES12 
Machine Size Map 机械尺寸图			
Technical Data技术参数			
Operating Voltage / 工作电压	15-30VDC		
Max. Ripple / 涟波	<10%		
No Load Current / 无负载电流	<35mA		
Load Resistor / 负载电阻	Output Voltagel: 0-10VDC/≥2KΩ	Output Current: 4-20mA /400Ω Max.	Current and voltage output: 0-10VDC/≥2KΩ ; 0-20mA/400Ω
Linearity/ 线性度	< % 5		
Repeat Accuracy / 重复精度	0.02mm		
Ambient Temperature / 工作温度	0℃-+70℃		
Temperature Drift / 温度漂移	< ±5%(Sr)		
Reverse Polarity Protection/ 反极性保护	YES		
Protection Degree / 防护等级	IP67		
Output Signal/ 输出信号	PNP-ANALOG		
Switching Frequency Max./ 开关频率	M12 : 500Hz		
Material Active Face / 感应面材质	POM		
Led Display/ Led显示	NO		

M30	M30	M30	M30
 Flush齐平	 Flush齐平	 Flush齐平	 Non-flush非齐平
5-10mm	5-16mm	7-22mm	7-14mm
			
KJ130-D10FD-E3 	KJ130-D16FD-E3 	KJ130-D22FD-E3 	KT130-D14FD-E3 
KJ130-D10FE-E3 	KJ130-D16FE-E3 	KJ130-D22FE-E3 	KT130-D14FE-E3 
KJ130-D10FF-E4 	KJ130-D16FF-E4 	KJ130-D22FF-E4 	KT130-D14FF-E4 
			
Technical Data技术参数			
Operating Voltage / 工作电压	15-30VDC		
Max. Ripple / 涟波	<10%		
No Load Current / 无负载电流	<35mA		
Load Resistor / 负载电阻	Output Voltagel: 0-10VDC/≥2KΩ	Output Current: 4-20mA /400Ω Max.	Current and voltage output: 0-10VDC/≥2KΩ ; 0-20mA/400Ω
Linearity/ 线性度	< % 5		
Repeat Accuracy / 重复精度	0.02mm		
Ambient Temperature / 工作温度	0℃-+70℃		
Temperature Drift / 温度漂移	< ±5%(Sr)		
Reverse Polarity Protection/ 反极性保护	YES		
Protection Degree / 防护等级	IP67		
Output Signal/ 输出信号	PNP-ANALOG		
Switching Frequency Max./ 开关频率	M30 : 500Hz		
Material Active Face / 感应面材质	POM		
Led Display/ Led显示	NO		

Dimension 外径尺寸	M30	M30	M30
Mounting 安装方式	 Non-flush非齐平	 Non-flush非齐平	 Flush齐平
Sensing Distance Sn检测距离	5-25mm	17-40mm	5-10mm
Product Photo 产品图片			
Current output 电流输出	KT130-D25FD-E3 	KT130-D40FD-E3 	KJ130-D10FD-ES12 
Voltage output 电压输出	KT130-D25FE-E3 	KT130-D40FE-E3 	KJ130-D10FE-ES12 
Current and voltageoutput 电流+ 电压双输出	KT130-D25FF-E4 	KT130-D40FF-E4 	KJ130-D10FF-ES12 
Machine Size Map 机械尺寸图			
Technical Data技术参数			
Operating Voltage/ 工作电压	15-30VDC		
Max. Ripple / 涟波	<10%		
No Load Current / 无负载电流	<35mA		
Load Resistor / 负载电阻	Output Voltage1 0-10VDC/≥2KΩ	Output Current 4-20mA /400Ω Max.	Current and voltage output 0-10VDC/≥2KΩ ;0-20mA /400 Ω
Linearity/ 线性度	< % 5		
Repeat Accuracy/ 重复精度	0.02mm		
Ambient Temperature / 工作温度	0℃-+70℃		
Temperature Drift / 温度漂移	< ±5%(Sr)		
Reverse Polarity Protection / 反极性保护	YES		
Protection Degree / 防护等级	IP67		
Output Signal / 输出信号	PNP-ANALOG		
Switching Frequency Max./ 开关频率	M30 : 500Hz		
Material Active Face / 感应面材质	POM		
Led Display/ Led显示	NO		

M30	M30	M30	M30
 Flush齐平	 Flush齐平	 Non-flush非齐平	 Non-flush非齐平
5-16mm	7-22mm	7-14mm	5-25mm
			
KJ130-D16FD-ES12 	KJ130-D22FD-ES12 	KT130-D14FD-ES12 	KT130-D25FD-ES12 
KJ130-D16FE-ES12 	KJ130-D22FE-ES12 	KT130-D14FE-ES12 	KT130-D25FE-ES12 
KJ130-D16FF-ES12 	KJ130-D22FF-ES12 	KT130-D14FF-ES12 	KT130-D25FF-ES12 
			
Technical Data技术参数			
Operating Voltage / 工作电压	15-30VDC		
Max. Ripple / 涟波	<10%		
No Load Current / 无负载电流	<35mA		
Load Resistor / 负载电阻	Output Voltage1: 0-10VDC/≥2KΩ	Output Current: 4-20mA /400Ω Max.	Current and voltage output: 0-10VDC/≥2KΩ ;0-20mA /400Ω
Linearity/ 线性度	< % 5		
Repeat Accuracy/ 重复精度	0.02mm		
Ambient Temperature / 工作温度	0℃-+70℃		
Temperature Drift/ 温度漂移	< ±5%(Sr)		
Reverse Polarity Protection / 反极性保护	YES		
Protection Degree / 防护等级	IP67		
Output Signal/ 输出信号	PNP-ANALOG		
Switching Frequency Max./ 开关频率	M30 : 500Hz		
Material Active Face / 感应面材质	POM		
Led Display/ Led显示	NO		

Dimension 外径尺寸	M30	F40	F40
Mounting 安装方式	 Non-flush非齐平	 Flush齐平	 Non-flush非齐平
Sensing Distance Sn检测距离	17~40mm	5~15mm	10~30mm
Product Photo 产品图片			
Current output 电流输出	KT130-D40FD-ES12 	KJ440-F15FD-ES12 	KJ440-F30FD-ES12 
Voltage output 电压输出	KT130-D40FE-ES12 	KJ440-F15FE-ES12 	KJ440-F30FE-ES12 
Current and voltageoutput 电流+ 电压双输出	KT130-D40FF-ES12 	KJ440-F15FF-ES12 	
Machine Size Map 机械尺寸图			
Technical Data技术参数			
Operating Voltage / 工作电压	15~30VDC		
Max. Ripple / 涟波	<10%		
No Load Current / 无负载电流	<35mA		
Load Resistor / 负载电阻	Output Voltage: 0~10VDC/≥2KΩ	Output Current: 4~20mA /400 ΩMax.	Current and voltage output: 0~10VDC/≥2KΩ ;0~20mA /400 Ω
Linearity / 线性度	< % 5		
Repeat Accuracy/ 重复精度	0.02mm		
Ambient Temperature / 工作温度	0℃~+70℃		
Temperature Drift / 温度漂移	< ±5%(Sr)		
Reverse PolarityProtection/ 反极性保护	YES		
Protection Degree/ 防护等级	IP67		
Output Signal/ 输出信号	PNP-ANALOG		
Switching FrequencyMax. / 开关频率	M30 : 500Hz	GS40: 500Hz	
Material Active Face/ 感应面材质	金属外壳:POM / 塑料外壳:PBT		
Led Display/ Led显示	NO		

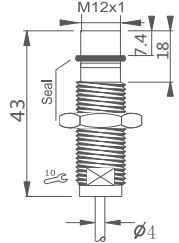
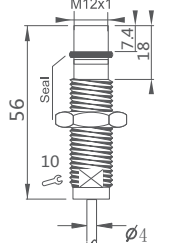
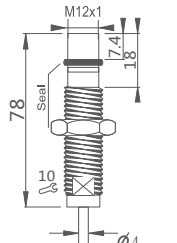
F40	F40		
 Flush齐平	 Non-flush非齐平		
15mm	20mm		
			
KJ440-F15FD-E3 	KJ440-F30FD-E3 		
KJ440-F15FE-E3 	KJ440-F30FE-E3 		
KJ440-F15FF-E4 			
			
Technical Data技术参数			
Operating Voltage / 工作电压	15~30VDC		
Max. Ripple / 涟波	<10%		
No Load Current / 无负载电流	<35mA		
Load Resistor / 负载电阻	Output Voltage: 0~10VDC/≥2KΩ	Output Current: 4~20mA /400Ω Max.	Current and voltage output: 0~10VDC/≥2KΩ ;0~20mA /400 Ω
Linearity/ 线性度	< % 5		
Repeat Accuracy/ 重复精度	0.02mm		
Ambient Temperature / 工作温度	0℃~+70℃		
Temperature Drift / 温度漂移	< ±5%(Sr)		
Reverse PolarityProtection /反极性保护	YES		
Protection Degree / 防护等级	IP67		
Output Signal/ 输出信号	PNP-ANALOG		
Switching Frequency Max. / 开关频率	LS40: 500Hz		
Material Active Face/ 感应面材质	PBT		
Led Display/ Led显示	NO		

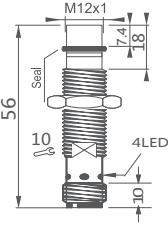
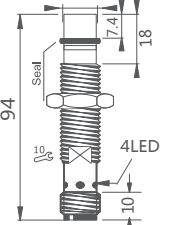
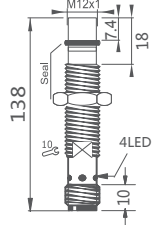
High Pressure Proximity Sensor

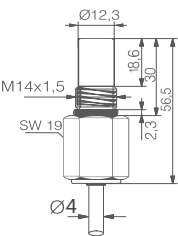
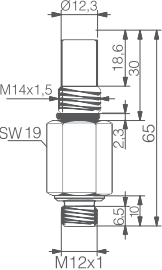
耐高压型接近传感器

不锈钢坚固耐用外壳，固体陶瓷盘，可耐500bar压力。

- 特别适用于：
- 注塑成型机
 - 液压机械
 - 户外建筑机械
 - 起重机
 - 石油开采机械
 - 食品饮料行业
 - 等.....

Dimension 外径尺寸	M12	M12	M12
耐高压	500bar	500bar	500bar
Mounting 安装方式	 Flush齐平	 Flush齐平	 Flush齐平
Product Photo 产品图片			
Sensing Distance Sn检测距离	2mm	2mm	2mm
DC 2 wire常开 (NO)			
DC 2 wire常闭 (NC)			
DC 3 wire NPN 常开 (NO)	KJ612-D02NA-D343	KJ612-D02NA-D356	KJ612-D02NA-D378
DC 3 wire NPN 常闭 (NC)	KJ612-D02NB-D343	KJ612-D02NB-D356	KJ612-D02NB-D378
DC 3 wire PNP 常开 (NO)	KJ612-D02PA-D343	KJ612-D02PA-D356	KJ612-D02PA-D378
DC 3 wire PNP 常闭 (NC)	KJ612-D02PB-D343	KJ612-D02PB-D356	KJ612-D02PB-D378
DC 4 wire NPN 常开+常闭 (NO+NC)			
DC 4 wire PNP 常开+常闭 (NO+NC)			
Machine Size Map 机械尺寸图			
Technical Data技术参数			
Operating Voltage / 工作电压	10-36VDC		
Max. Ripple / 涟波	<10%		
No Load Current / 空载电流	<5mA		
Max. Load Current / 最大负载电流	200mA		
Leakge Current / 漏电流	<0.01mA		
VoltageDrop / 电压降	<1.5V		
Switching Frequency / 开关频率	1kHz		
Response Time / 响应时间	500Bar / 7250PSI		
Switching Hysteresis / 迟滞	<15%(Sr)		
Repeat Accuracy / 重复精度	< ±1.0%(Sr)		
Protection Category / 防护等级	IP67; IP69K		
Temperature Drift / 温度漂移	< ± 10% (Sr)		
Short Cicuit Protection / 短路保护	YES		
Operating Temperature/ 工作温度	-25℃-+70℃		
Reverse Polarity Protect/ 反极性	YES		
Material Active Face / 感应面材质	陶瓷		
Led Display/ Led显示	NO		

Dimension 外径尺寸	M12	M12	M12
耐高压	500bar	500bar	500bar
Mounting 安装方式	 Flush齐平	 Flush齐平	 Flush齐平
Product Photo 产品图片			
Sensing Distance Sn检测距离	2mm	2mm	2mm
DC 2 wire常开 (NO)			
DC 2 wire常闭 (NC)			
DC 3 wire NPN 常开 (NO)	KJ612-D02NA-DS1256	KJ612-D02NA-DS1294	KJ612-D02NA-DS12138
DC 3 wire NPN 常闭 (NC)	KJ612-D02NB-DS1256	KJ612-D02NB-DS1294	KJ612-D02NB-DS12138
DC 3 wire PNP 常开 (NO)	KJ612-D02PA-DS1256	KJ612-D02PA-DS1294	KJ612-D02PA-DS12138
DC 3 wire PNP 常闭 (NC)	KJ612-D02PB-DS1256	KJ612-D02PB-DS1294	KJ612-D02PB-DS12138
DC 4 wire NPN 常开+常闭 (NO+NC)			
DC 4 wire PNP 常开+常闭 (NO+NC)			
Machine Size Map 机械尺寸图			
Technical Data技术参数			
Operating Voltage/ 工作电压	10-36VDC		
Max. Ripple / 涟波	<10%		
No Load Current / 空载电流	<5mA		
Max. Load Current / 最大负载电流	200mA		
Leakge Current / 漏电流	<0.01mA		
VoltageDrop / 电压降	<1.5V		
Switching Frequency/ 开关频率	1kHz		
Response Time / 响应时间	500Bar / 7250PSI		
Switching Hysteresis/ 迟滞	<15%(Sr)		
Repeat Accuracy/ 重复精度	< ±1.0%(Sr)		
Protection Category / 防护等级	IP67; IP69K		
Tempera ture Drift/ 温度漂移	< ± 10%(Sr)		
Short Circuit Protection / 短路保护	YES		
Operating Temperature/ 工作温度	-25℃-+70℃		
Reverse Polarity Protect/ 反极性	YES		
Material Active Face/ 感应面材质	陶瓷		
Led Display/ Led显示	NO		

M14	M14		
500bar	500bar		
 Flush齐平	 Flush齐平		
			
3mm	3mm		
KJ614-D03NA-D3	KJ614-D03NA-DS12		
KJ614-D03NB-D3	KJ614-D03NB-DS12		
KJ614-D03PA-D3	KJ614-D03PA-DS12		
KJ614-D03PB-D3	KJ614-D03PB-DS12		
			
Technical Data技术参数			
Operating Voltage / 工作电压	10-36VDC		
Max. Ripple / 涟波	<10%		
No Load Current/ 空载电流	<5mA		
Max. Load Current/ 最大负载电流	200mA		
Leakge Current / 漏电流	<0.01mA		
VoltageDrop / 电压降	<1.5V		
Switching Frequency/ 开关频率	1kHz		
Response Time / 响应时间	500Bar / 7250PSI		
Switching Hysteresis/ 迟滞	<15%(Sr)		
Repeat Accuracy/ 重复精度	< ±1.0%(Sr)		
Protectoin Category/ 防护等级	IP67; IP69K		
Temperature Drift / 温度漂移	< ± 10%(Sr)		
Short Circuit Protection / 短路保护	YES		
Operating Temperature/ 工作温度	-25℃-+70℃		
Reverse Polarity Protect/ 反极性	YES		
Material Active Face/ 感应面材质	陶瓷		
Led Display/ Led显示	NO		

Metal Face Proximity Sensor

全金属封装接近传感器

一体化不锈钢外壳 (V4A / 316L)

特别为食品饮料包装行业设计的IP68+IP69K 的防护等级

三倍检测距离于普通的接近传感器

可确保高温高压清洗时的耐水性

可抵御腐蚀性清洁剂, 酸性物质的侵蚀



特别适用于：

食品加工车间

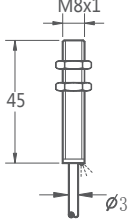
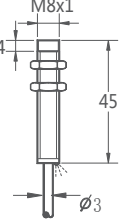
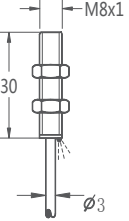
饮料罐装车间

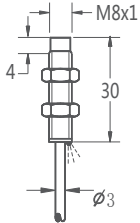
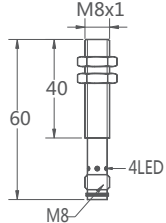
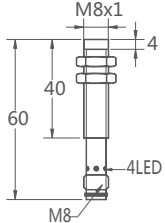
海上作业机械

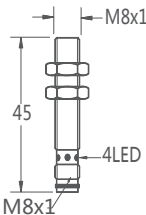
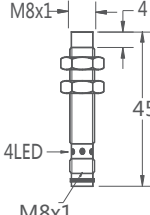
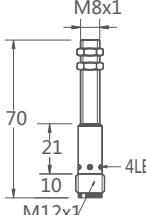
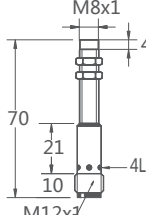
水处理设备

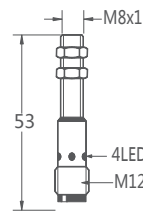
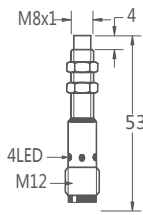
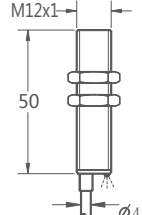
焊接设备

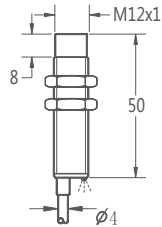
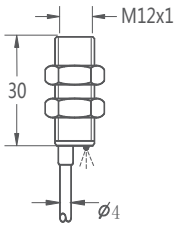
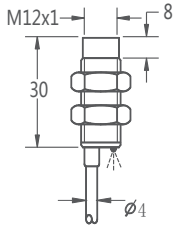
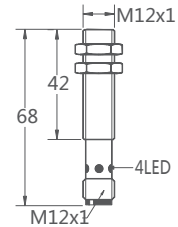
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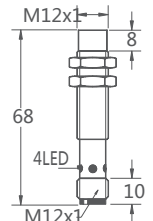
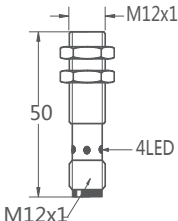
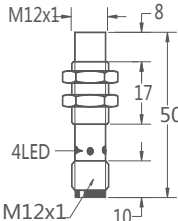
Dimension 外径尺寸	M8	M8	M8
Mounting 安装方式	 Flush齐平	 Non-flush非齐平	 Flush齐平
Product Photo 产品图片			
Sensing Distance Sn检测距离	1mm	2mm	1mm
DC 2 wire常开 (NO)			
DC 2 wire常闭 (NC)			
DC 3 wire NPN 常开 (NO)	KJ308-D01NA-D3	KT308-D02NA-D3	KJ308-D01NA-D330
DC 3 wire NPN 常闭 (NC)	KJ308-D01NB-D3	KT308-D02NB-D3	KJ308-D01NB-D330
DC 3 wire PNP 常开 (NO)	KJ308-D01PA-D3	KT308-D02PA-D3	KJ308-D01PA-D330
DC 3 wire PNP 常闭 (NC)	KJ308-D01PB-D3	KT308-D02PB-D3	KJ308-D01PB-D330
DC 3 wire NPN 常开 (NO)			
DC 3 wire NPN 常闭 (NC)			
DC 3 wire PNP 常开 (NO)			
DC 3 wire PNP 常闭 (NC)			
DC 4 wire NPN 常开+常闭 (NO+NC)			
DC 4 wire PNP 常开+常闭 (NO+NC)			
Machine Size Map 机械尺寸图			
Technical Data技术参数			
Operating Voltage / 工作电压	10-36VDC		
Max. Ripple / 涟波	<10%		
No Load Current/ 空载电流	<10mA		
Max. Load Current / 最大负载电流	200mA		
Leakge Current / 漏电流	<0.01mA		
VoltageDrop / 电压降	<1.5V		
Switching Frequency / 开关频率	M8 :Flush:2KHz /Non-Flush: 1KHz		
Response Time / 响应时间	0.1ms / 0.1ms		
Switching Hysteresis/ 迟滞	<15% (Sr)		
Repeat Accuracy/ 重复精度	< ±1.0% (Sr)		
Protection Category/ 防护等级	IP67		
Operating Temperatuer / 工作温度	-25℃-+70℃		
Temper ature Drift / 温度漂移	< ±10% (Sr)		
Short Circuit Protection / 短路保护	YES		
Material Active Face / 感应面材质	不锈钢		
Led Display/ Led显示	YES		

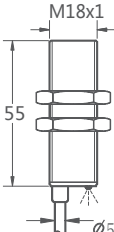
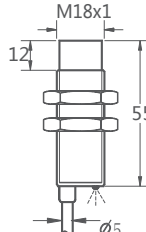
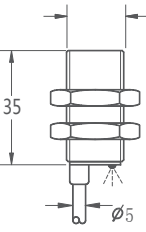
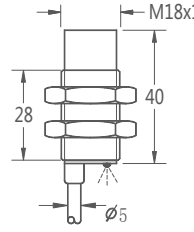
Dimension 外径尺寸	M8	M8	M8
Mounting 安装方式	 Non-flush非齐平	 Flush齐平	 Non-flush非齐平
Product Photo 产品图片			
Sensing Distance Sn检测距离	2mm	1mm	2mm
DC 2 wire常开 (NO)			
DC 2 wire常闭 (NC)			
DC 3 wire NPN 常开 (NO)	KT308-D02NA-D330	KT308-D01NA-DS8	KT308-D02NA-DS8
DC 3 wire NPN 常闭 (NC)	KT308-D02NB-D330	KT308-D01NB-DS8	KT308-D02NB-DS8
DC 3 wire PNP 常开 (NO)	KT308-D02PA-D330	KT308-D01PA-DS8	KT308-D02PA-DS8
DC 3 wire PNP 常闭 (NC)	KT308-D02PB-D330	KT308-D01PB-DS8	KT308-D02PB-DS8
DC 3 wire NPN 常开 (NO)			
DC 3 wire NPN 常闭 (NC)			
DC 3 wire PNP 常开 (NO)			
DC 3 wire PNP 常闭 (NC)			
DC 4 wire NPN 常开+常闭 (NO+NC)			
DC 4 wire PNP 常开+常闭 (NO+NC)			
Machine Size Map 机械尺寸图			
Technical Data技术参数			
Operating Voltage / 工作电压	10-36VDC		
Max. Ripple / 涟波	<10%		
No Load Current / 空载电流	<10mA		
Max. Load Current / 最大负载电流	200mA		
Leakge Current / 漏电流	<0. 01mA		
VoltageDrop / 电压降	<1. 5V		
Switching Frequency / 开关频率	M8 :Flush:2KHz /Non-Flush: 1KHz		
Response Time / 响应时间	0. 1ms / 0.1ms		
Switching Hysteresis/ 迟滞	<15%(Sr)		
Repeat Accuracy/ 重复精度	< ±1.0%(Sr)		
Protection Category/ 防护等级	IP67		
Operating Temperature/ 工作温度	-25℃--+70℃		
Temperature Drift / 温度漂移	< ±10%(Sr)		
Short Circuit Protection / 短路保护	YES		
Material Active Face/ 感应面材质	不锈钢		
Led Display/Led显示	YES		

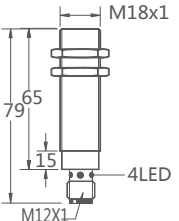
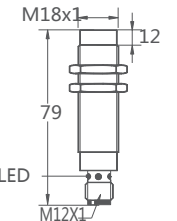
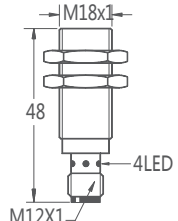
M8	M8	M8	M8
 Flush齐平	 Non-flush非齐平	 Flush齐平	 Non-flush非齐平
			
1mm	2mm	1mm	2mm
KT308-D01NA-DS845	KT308-D02NA-DS845	KT308-D01NA-DS12	KT308-D02NA-DS12
KT308-D01NB-DS845	KT308-D02NB-DS845	KT308-D01NB-DS12	KT308-D02NB-DS12
KT308-D01PA-DS845	KT308-D02PA-DS845	KT308-D01PA-DS12	KT308-D02PA-DS12
KT308-D01PB-DS845	KT308-D02PB-DS845	KT308-D01PB-DS12	KT308-D02PB-DS12
			
Technical Data技术参数			
Operating Voltage / 工作电压		10-36VDC	
Max. Ripple / 涟波		<10%	
No Load Current / 空载电流		<10mA	
Max. Load Current / 最大负载电流		200mA	
Leakge Current / 漏电流		<0.01mA	
VoltageDrop / 电压降		<1.5V	
Switching Frequency/ 开关频率		M8 :Flush:2KHz /Non-Flush:1KHz	
Response Time / 响应时间		0.1ms / 0.1ms	
Switching Hysteresis/ 迟滞		<15%(Sr)	
Repeat Accuracy/ 重复精度		< ±1.0%(Sr)	
Protection Category/ 防护等级		IP67	
Operating Temperature/ 工作温度		-25℃-+70℃	
Temperature Drift/ 温度漂移		< ±10%(Sr)	
Short Circuit Protection/ 短路保护		YES	
Material Active Face/ 感应面材质		不锈钢	
Led Display/Led显示		YES	

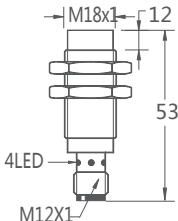
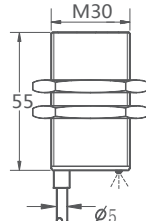
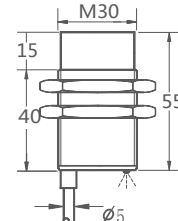
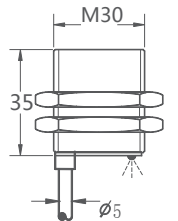
Dimension 外径尺寸	M8	M8	M12
Mounting 安装方式	 Flush齐平	 Non-flush非齐平	 Flush齐平
Product Photo 产品图片			
Sensing Distance Sn检测距离	1mm	2mm	2mm
DC 2 wire常开 (NO)			
DC 2 wire常闭 (NC)			
DC 3 wire NPN 常开 (NO)	KJ308-D01NA-DS1253	KT308-D02NA-DS1253	KJ312-D02NA-D3
DC 3 wire NPN 常闭 (NC)	KJ308-D01NB-DS1253	KT308-D02NB-DS1253	KJ312-D02NB-D3
DC 3 wire PNP 常开 (NO)	KJ308-D01PA-DS1253	KT308-D02PA-DS1253	KJ312-D02PA-D3
DC 3 wire PNP 常闭 (NC)	KJ308-D01PB-DS1253	KT308-D02PB-DS1253	KJ312-D02PB-D3
DC 3 wire NPN 常开 (NO)			
DC 3 wire NPN 常闭 (NC)			
DC 3 wire PNP 常开 (NO)			
DC 3 wire PNP 常闭 (NC)			
DC 4 wire NPN 常开+常闭 (NO+NC)			
DC 4 wire PNP 常开+常闭 (NO+NC)			
Machine Size Map 机械尺寸图			
Technical Data技术参数			
Operating Voltage / 工作电压	10-36VDC		
Max. Ripple / 涟波	<10%		
No Load Current/空载电流	<10mA		
Max. Load Current/最大负载电流	200mA		
Leakge Current / 漏电流	<0. 01mA		
VoltageDrop / 电压降	<1. 5V		
Switching Frequency/ 开关频率	M8 :Flush: 2KHz / Non-Flush:1KHz	M12 :Flush:2KHz / Non-Flush:1KHz	
Response Time / 响应时间	0. 05ms		
Switching Hysteresis/迟滞	<15%(Sr)		
Repeat Accuracy/ 重复精度	< ±1.0%(Sr)		
Protection Category/ 防护等级	IP67		
Operating Temperature/ 工作温度	-25℃-+70℃		
Temperature Drift/ 温度漂移	< ±10%(Sr)		
Short Circuit Protection/ 短路保护	YES		
Material Active Face/感应面材质	不锈钢		
Led Display/ Led显示	YES		

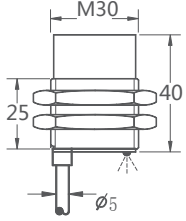
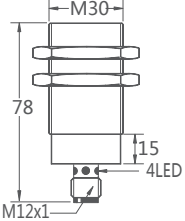
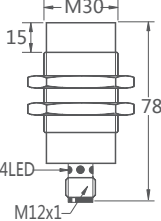
M12	M12	M12	M12
 Non-flush非齐平	 Flush齐平	 Non-flush非齐平	 Flush齐平
			
4mm	2mm	4mm	2mm
KT312-D04NA-D3	KJ312-D02NA-D330	KT312-D04NA-D330	KJ312-D02NA-DS12
KT312-D04NB-D3	KJ312-D02NB-D330	KT312-D04NB-D330	KJ312-D02NB-DS12
KT312-D04PA-D3	KJ312-D02PA-D330	KT312-D04PA-D330	KJ312-D02PA-DS12
KT312-D04PB-D3	KJ312-D02PB-D330	KT312-D04PB-D330	KJ312-D02PB-DS12
			
Technical Data技术参数			
Operating Voltage / 工作电压	10-36VDC		
Max. Ripple / 涟波	<10%		
No Load Current/ 空载电流	<10mA		
Max. Load Current/ 最大负载电流	100mA		
Leakge Current / 漏电流	<0. 01mA		
VoltageDrop / 电压降	<1. 5V		
Switching Frequency/ 开关频率	M12 :Flush: 2KHz / Non-Flush:1KHz		
Response Time / 响应时间	0. 05ms		
Switching Hysteresis/ 迟滞	<15%(Sr)		
Repeat Accuracy/ 重复精度	< ±1.0%(Sr)		
Protection Category/ 防护等级	IP67		
Operating Temperature/ 工作温度	-25℃-+70℃		
Temperature Drift/ 温度漂移	< ±10%(Sr)		
Short Circuit Protection/ 短路保护	YES		
Material Active Face/ 感应面材质	不锈钢		
Led Display/ Led显示	YES		

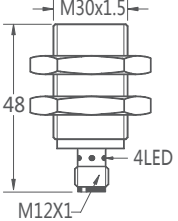
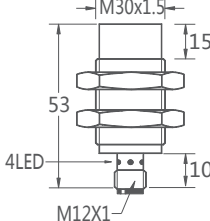
Dimension 外径尺寸	M12	M12	M12
Mounting 安装方式	 Non-flush非齐平	 Flush齐平	 Non-flush非齐平
Product Photo 产品图片			
Sensing Distance Sn检测距离	4mm	2mm	4mm
DC 2 wire常开 (NO)			
DC 2 wire常闭 (NC)			
DC 3 wire NPN 常开 (NO)	KT312-D04NA-DS12	KJ312-D02NA-DS1250	KT312-D04NA-DS1250
DC 3 wire NPN 常闭 (NC)	KT312-D04NB-DS12	KJ312-D02NB-DS1250	KT312-D04NB-DS1250
DC 3 wire PNP 常开 (NO)	KT312-D04PA-DS12	KJ312-D02PA-DS1250	KT312-D04PA-DS1250
DC 3 wire PNP 常闭 (NC)	KT312-D04PB-DS12	KJ312-D02PB-DS1250	KT312-D04PB-DS1250
DC 3 wire NPN 常开 (NO)			
DC 3 wire NPN 常闭 (NC)			
DC 3 wire PNP 常开 (NO)			
DC 3 wire PNP 常闭 (NC)			
DC 4 wire NPN 常开+常闭 (NO+NC)			
DC 4 wire PNP 常开+常闭 (NO+NC)			
Machine Size Map 机械尺寸图			
Technical Data技术参数			
Operating Voltage/ 工作电压	10-36VDC		
Max. Ripple / 涟波	<10%		
No Load Current / 空载电流	<10mA		
Max. Load Current/ 最大负载电流	100mA		
Leakge Current / 漏电流	<0. 01mA		
VoltageDrop / 电压降	<1. 5V		
Switching Frequency / 开关频率	M12 :Flush:2KHz / Non-Flush:1KHz		
Response Time / 响应时间	0. 05ms		
Switching Hysteresis/ 迟滞	<15% (Sr)		
Repeat Accuracy/ 重复精度	< ±1.0% (Sr)		
Protection Category/ 防护等级	IP67		
Operating Temperature/ 工作温度	-25℃-+70℃		
Temperature Drift/ 温度漂移	< ±10% (Sr)		
Short Circuit Protection/ 短路保护	YES		
Material Active Face/ 感应面材质	不锈钢		
Led Display/ Led显示	YES		

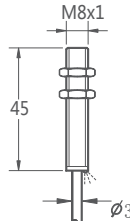
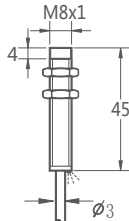
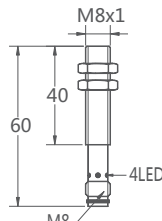
M18	M18	M18	M18
 Flush齐平	 Non-flush非齐平	 Flush齐平	 Non-flush非齐平
			
5mm	8mm	5mm	8mm
KJ318-D05NA-D3	KT318-D08NA-D3	KJ318-D05NA-D335	KT318-D08NA-D340
KJ318-D05NB-D3	KT318-D08NB-D3	KJ318-D05NB-D335	KT318-D08NB-D340
KJ318-D05PA-D3	KT318-D08PA-D3	KJ318-D05PA-D335	KT318-D08PA-D340
KJ318-D05PB-D3	KT318-D08PB-D3	KJ318-D05PB-D335	KT318-D08PB-D340
			
Technical Data技术参数			
Operating Voltage / 工作电压	10-36VDC		
Max. Ripple / 涟波	<10%		
No Load Current/ 空载电流	<10mA		
Max. Load Current/ 最大负载电流	100mA		
Leakge Current / 漏电流	<0. 01mA		
VoltageDrop / 电压降	<1. 5V		
Switching Frequency / 开关频率	M18 :Flush:500Hz / Non-Flush:300Hz		
Response Time / 响应时间	0. 05ms		
Switching Hysteresis/ 迟滞	<15% (Sr)		
Repeat Accuracy/ 重复精度	< ±1.0% (Sr)		
Protection Category/ 防护等级	IP67		
Operating Temperature/ 工作温度	-25℃-+70℃		
Temperature Drift/ 温度漂移	< ±10% (Sr)		
Short Circuit Protection / 短路保护	YES		
Material Active Face / 感应面材质	不锈钢		
Led Display/ Led显示	YES		

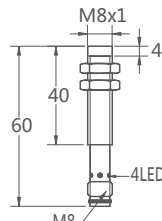
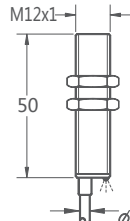
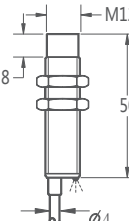
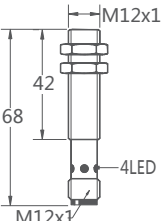
Dimension 外径尺寸	M18	M18	M18
Mounting 安装方式	 Flush齐平	 Non-flush非齐平	 Flush齐平
Product Photo 产品图片			
Sensing Distance Sn检测距离	5mm	8mm	5mm
DC 2 wire常开 (NO)			
DC 2 wire常闭 (NC)			
DC 3 wire NPN 常开 (NO)	KJ318-D05NA-DS12	KT318-D08NA-DS12	KJ318-D05NA-DS1248
DC 3 wire NPN 常闭 (NC)	KJ318-D05NB-DS12	KT318-D08NB-DS12	KJ318-D05NB-DS1248
DC 3 wire PNP 常开 (NO)	KJ318-D05PA-DS12	KT318-D08PA-DS12	KJ318-D05PA-DS1248
DC 3 wire PNP 常闭 (NC)	KJ318-D05PB-DS12	KT318-D08PB-DS12	KJ318-D05PB-DS1248
DC 3 wire NPN 常开 (NO)			
DC 3 wire NPN 常闭 (NC)			
DC 3 wire PNP 常开 (NO)			
DC 3 wire PNP 常闭 (NC)			
DC 4 wire NPN 常开+常闭 (NO+NC)			
DC 4 wire PNP 常开+常闭 (NO+NC)			
Machine Size Map 机械尺寸图			
Technical Data技术参数			
Operating Voltage / 工作电压	10-36VDC		
Max. Ripple / 涟波	<10%		
No Load Current / 空载电流	<10mA		
Max. Load Current/ 最大负载电流	100mA		
Leakge Current / 漏电流	<0. 01mA		
VoltageDrop / 电压降	<1. 5V		
Switching Frequency/ 开关频率	M18 :Flush: 500Hz /Non-Flush:300Hz		
Response Time / 响应时间	0. 05ms		
Switching Hysteresis/迟滞	<15% (Sr)		
Repeat Accuracy / 重复精度	< ±1.0% (Sr)		
Protection Category/ 防护等级	IP67		
Operating Temperature/ 工作温度	-25℃-+70℃		
Temperature Drift/ 温度漂移	< ±10% (Sr)		
Short Circuit Protection/ 短路保护	YES		
Material Active Face / 感应面材质	不锈钢		
Led Display/ Led显示	YES		

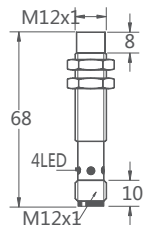
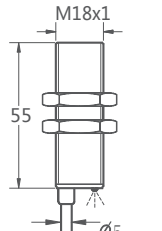
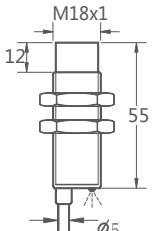
M18	M30	M30	M30
 Non-flush非齐平	 Flush齐平	 Non-flush非齐平	 Flush齐平
			
8mm	10mm	15mm	10mm
KT318-D08NA-DS1253	KJ330-D10NA-D3	KT330-D13NA-D3	KJ330-D10NA-D335
KT318-D08NB-DS1253	KJ330-D10NB-D3	KT330-D13NB-D3	KJ330-D10NB-D335
KT318-D08PA-DS1253	KJ330-D10PA-D3	KT330-D13PA-D3	KJ330-D10PA-D335
KT318-D08PB-DS1253	KJ330-D10PB-D3	KT330-D13PB-D3	KJ330-D10PB-D335
			
Technical Data技术参数			
Operating Voltage / 工作电压	10-36VDC		
Max. Ripple / 涟波	<10%		
No Load Current/ 空载电流	<10mA		
Max. Load Current/ 最大负载电流	100mA		
Leakge Current / 漏电流	<0. 01mA		
VoltageDrop / 电压降	<1. 5V		
Switching Frequency/ 开关频率	M18 :Flush: 500Hz /Non-Flush:300Hz M30 :Flush:300Hz /Non-Flush:150Hz		
Response Time / 响应时间	0. 05ms		
Switching Hysteresis/迟滞	<15% (Sr)		
Repeat Accuracy / 重复精度	< ±1.0% (Sr)		
Protection Category/ 防护等级	IP67		
Operating Temperature/ 工作温度	-25℃-+70℃		
Temperature Drift/ 温度漂移	< ±10% (Sr)		
Short Circuit Protection/ 短路保护	YES		
Material Active Face / 感应面材质	不锈钢		
Led Display/ Led显示	YES		

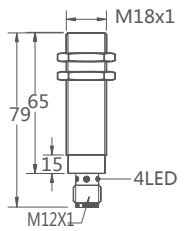
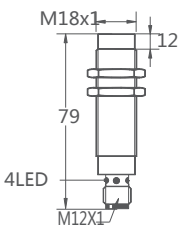
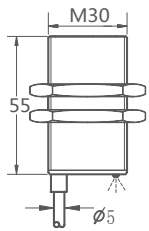
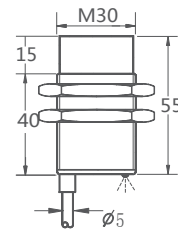
Dimension 外径尺寸	M30	M30	M30
Mounting 安装方式	 Non-flush非齐平	 Flush齐平	 Non-flush非齐平
Product Photo 产品图片			
Sensing Distance Sn检测距离	15mm	10mm	15mm
DC 2 wire常开 (NO)			
DC 2 wire常闭 (NC)			
DC 3 wire NPN常开 (NO)	KT330-D13NA-D340	KJ330-D10NA-DS12	KT330-D13NA-DS12
DC 3 wire NPN常闭 (NC)	KT330-D13NB-D340	KJ330-D10NB-DS12	KT330-D13NB-DS12
DC 3 wire PNP常开 (NO)	KT330-D13PA-D340	KJ330-D10PA-DS12	KT330-D13PA-DS12
DC 3 wire PNP常闭 (NC)	KT330-D13PB-D340	KJ330-D10PB-DS12	KT330-D13PB-DS12
DC 3 wire NPN常开 (NO)			
DC 3 wire NPN常闭 (NC)			
DC 3 wire PNP常开 (NO)			
DC 3 wire PNP常闭 (NC)			
DC 4 wire NPN常开+常闭 (NO+NC)			
DC 4 wire PNP常开+常闭 (NO+NC)			
Machine Size Map 机械尺寸图			
Technical Data技术参数			
Operating Voltage / 工作电压	10-36VDC		
Max. Ripple / 涟波	<10%		
No Load Current/ 空载电流	<10mA		
Max. Load Current/ 最大负载电流	100mA		
Leakge Current / 漏电流	<0. 01mA		
VoltageDrop / 电压降	<1. 5V		
Switching Frequency/ 开关频率	M30 :Flush :300Hz /Non-Flush:150Hz		
Response Time / 响应时间	0. 05ms		
Switching Hysteresis/ 迟滞	<15%(Sr)		
Repeat Accuracy/ 重复精度	< ±1.0%(Sr)		
Protection Category / 防护等级	IP67		
Operating Temperature/ 工作温度	-25℃-+70℃		
Temperature Drift/ 温度漂移	< ±10%(Sr)		
Short Circuit Protection/ 短路保护	YES		
Material Active Face/ 感应面材质	不锈钢		
Led Display/ Led显示	YES		

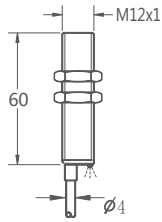
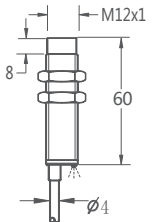
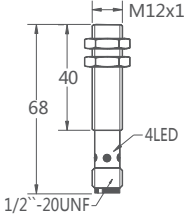
M30	M30		
 Flush齐平	 Non-flush非齐平		
			
10mm	15mm		
KJ330-D10NA-DS1248	KT330-D13NA-DS1253		
KJ330-D10NB-DS1248	KT330-D13NB-DS1253		
KJ330-D10PA-DS1248	KT330-D13PA-DS1253		
KJ330-D10PB-DS1248	KT330-D13PB-DS1253		
			
Technical Data技术参数			
Operating Voltage / 工作电压	10-36VDC		
Max. Ripple / 涟波	<10%		
No Load Current/ 空载电流	<10mA		
Max. Load Current/ 最大负载电流	100mA		
Leakge Current / 漏电流	<0. 01mA		
VoltageDrop / 电压降	<1. 5V		
Switching Frequency/ 开关频率	M30 :Flush :300Hz /Non-Flush:150Hz		
Response Time / 响应时间	0. 05ms		
Switching Hysteresis/ 迟滞	<15%(Sr)		
Repeat Accuracy/ 重复精度	< ±1.0%(Sr)		
Protection Category / 防护等级	IP67		
Operating Temperature/ 工作温度	-25℃-+70℃		
Temperature Drift/ 温度漂移	< ±10%(Sr)		
Short Circuit Protection / 短路保护	YES		
Material Active Face/ 感应面材质	不锈钢		
Led Display/ Led显示	YES		

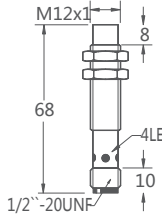
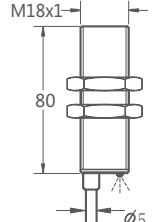
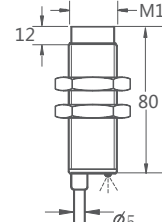
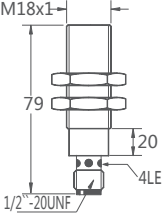
Dimension 外径尺寸	M8	M8	M8
Mounting 安装方式	 Flush齐平	 Non-flush非齐平	 Flush齐平
Product Photo 产品图片			
Sensing Distance Sn检测距离	1mm	2mm	1mm
DC 3 wire NPN 常开 (NO) 只对铁检测	KJ308-D01NA-D3-FE	KT308-D02NA-D3-FE	KJ308-D01NA-DS8-FE
DC 3 wire NPN 常闭 (NC) 只对铁检测	KJ308-D01NB-D3-FE	KT308-D02NB-D3-FE	KJ308-D01NB-DS8-FE
DC 3 wire PNP 常开 (NO) 只对铁检测	KJ308-D01PA-D3-FE	KT308-D02PA-D3-FE	KJ308-D01PA-DS8-FE
DC 3 wire PNP 常闭 (NC) 只对铁检测	KJ308-D01PB-D3-FE	KT308-D02PB-D3-FE	KJ308-D01PB-DS8-FE
DC 3 wire NPN 常开 (NO) 只对铜检测	KJ308-D01NA-D3-CU	KT308-D02NA-D3-CU	KJ308-D01NA-DS8-CU
DC 3 wire NPN 常闭 (NC) 只对铜检测	KJ308-D01NB-D3-CU	KT308-D02NB-D3-CU	KJ308-D01NB-DS8-CU
DC 3 wire PNP 常开 (NO) 只对铜检测	KJ308-D01PA-D3-CU	KT308-D02PA-D3-CU	KJ308-D01PA-DS8-CU
DC 3 wire PNP 常闭 (NC) 只对铜检测	KJ308-D01PB-D3-CU	KT308-D02PB-D3-CU	KJ308-D01PB-DS8-CU
DC 3 wire NPN 常开 (NO) 只对铝检测	KJ308-D01NA-D3-AL	KT308-D02NA-D3-AL	KJ308-D01NA-DS8-AL
DC 3 wire NPN 常闭 (NC) 只对铝检测	KJ308-D01NB-D3-AL	KT308-D02NB-D3-AL	KJ308-D01NB-DS8-AL
DC 3 wire PNP 常开 (NO) 只对铝检测	KJ308-D01PA-D3-AL	KT308-D02PA-D3-AL	KJ308-D01PA-DS8-AL
DC 3 wire PNP 常闭 (NC) 只对铝检测	KJ308-D01PB-D3-AL	KT308-D02PB-D3-AL	KJ308-D01PB-DS8-AL
Machine Size Map 机械尺寸图			
Technical Data技术参数			
Operating Voltage / 工作电压	10-36VDC		
Max. Ripple / 涟波	<10%		
No Load Current / 空载电流	<10mA		
Max. Load Current / 最大负载电流	200mA		
Leakge Current / 漏电流	<0.01mA		
Voltage Drop / 电压降	<1.5V		
Switching Frequency / 开关频率	M8 :Flush:2KHz / Non-Flush:1KHz	M12 :Flush:2KHz /Non-Flush:1KHz	
Response Time / 响应时间	0.1ms/0.1ms		
Switching Hysteresis/ 迟滞	<15%(Sr)		
Repeat Accuracy / 重复精度	< ±1.0%(Sr)		
Protection Category / 防护等级	IP67		
Operating Temperature / 工作温度	-25℃-+70℃		
Temperature Drift / 温度漂移	< ±10%(Sr)		
Short Circuit Protection / 短路保护	YES		
Material Active Face / 感应面材质	不锈钢		
Led Display / Led显示	YES		

M8	M12	M12	M12
 Non-flush非齐平	 Flush齐平	 Non-flush非齐平	 Flush齐平
			
2mm	2mm	4mm	2mm
KJ308-D02NA-DS8-FE	KJ312-D02NA-D3-FE	KJ312-D04NA-D3-FE	KJ312-D02NA-DS12-FE
KJ308-D02NB-DS8-FE	KJ312-D02NB-D3-FE	KJ312-D04NB-D3-FE	KJ312-D02NB-DS12-FE
KJ308-D02PA-DS8-FE	KJ312-D02PA-D3-FE	KJ312-D04PA-D3-FE	KJ312-D02PA-DS12-FE
KJ308-D02PB-DS8-FE	KJ312-D02PB-D3-FE	KJ312-D04PB-D3-FE	KJ312-D02PB-DS12-FE
KJ308-D02NA-DS8-CU	KJ312-D02NA-D3-CU	KJ312-D04NA-D3-CU	KJ312-D02NA-DS12-CU
KJ308-D02NB-DS8-CU	KJ312-D02NB-D3-CU	KJ312-D04NB-D3-CU	KJ312-D02NB-DS12-CU
KJ308-D02PA-DS8-CU	KJ312-D02PA-D3-CU	KJ312-D04PA-D3-CU	KJ312-D02PA-DS12-CU
KJ308-D02PB-DS8-CU	KJ312-D02PB-D3-CU	KJ312-D04PB-D3-CU	KJ312-D02PB-DS12-CU
KJ308-D02NA-DS8-AL	KJ312-D02NA-D3-AL	KJ312-D04NA-D3-AL	KJ312-D02NA-DS12-AL
KJ308-D02NB-DS8-AL	KJ312-D02NB-D3-AL	KJ312-D04NB-D3-AL	KJ312-D02NB-DS12-AL
KJ308-D02PA-DS8-AL	KJ312-D02PA-D3-AL	KJ312-D04PA-D3-AL	KJ312-D02PA-DS12-AL
KJ308-D02PB-DS8-AL	KJ312-D02PB-D3-AL	KJ312-D04PB-D3-AL	KJ312-D02PB-DS12-AL
			
Technical Data 技术参数			
Operating Voltage / 工作电压		10-36VDC	
Max. Ripple / 涟波		<10%	
No Load Current/ 空载电流		<10mA	
Max. Load Current / 最大负载电流		200mA	
Leakge Current / 漏电流		<0.01mA	
Voltage Drop / 电压降		<1.5V	
Switching Frequency / 开关频率		M8 :Flush:2KHz /Non-Flush:1KHz	M12 :Flush:2KHz /Non-Flush:1KHz
Response Time / 响应时间		0.1ms/0.1ms	
Switching Hysteresis / 迟滞		<15%(Sr)	
Repeat Accuracy/ 重复精度		< ±1.0%(Sr)	
Protection Category / 防护等级		IP67	
Operating Temperature/ 工作温度		-25℃--+70℃	
Temperature Drift / 温度漂移		< ±10%(Sr)	
Short Circuit Protection / 短路保护		YES	
Material Active Face / 感应面材质		不锈钢	
Led Display/ Led显示		YES	

Dimension 外径尺寸	M12	M18	M18
Mounting 安装方式	 Non-flush非齐平	 Flush齐平	 Non-flush非齐平
Product Photo 产品图片			
Sensing Distan ce Sn 检测距离	4mm	5mm	8mm
DC 3 wire NPN常开（NO ）只对铁检测	KT312-D04NA-DS12-FE	KJ318-D05NA-D3-FE	KT318-D08NA-D3-FE
DC 3 wire NPN常闭（NC ）只对铁检测	KT312-D04NB-DS12-FE	KJ318-D05NB-D3-FE	KT318-D08NB-D3-FE
DC 3 wire PNP常开（NO ）只对铁检测	KT312-D04PA-DS12-FE	KJ318-D05PA-D3-FE	KT318-D08PA-D3-FE
DC 3 wire PNP常闭（NC ）只对铁检测	KT312-D04PB-DS12-FE	KJ318-D05PB-D3-FE	KT318-D08PB-D3-FE
DC 3 wire NPN常开（NO ）只对铜检测	KT312-D04NA-DS12-CU	KJ318-D05NA-D3-CU	KT318-D08NA-D3-CU
DC 3 wire NPN常闭（NC ）只对铜检测	KT312-D04NB-DS12-CU	KJ318-D05NB-D3-CU	KT318-D08NB-D3-CU
DC 3 wire PNP常开（NO ）只对铜检测	KT312-D04PA-DS12-CU	KJ318-D05PA-D3-CU	KT318-D08PA-D3-CU
DC 3 wire PNP常闭（NC ）只对铜检测	KT312-D04PB-DS12-CU	KJ318-D05PB-D3-CU	KT318-D08PB-D3-CU
DC 3 wire NPN常开（NO ）只对铝检测	KT312-D04NA-DS12-AL	KJ318-D05NA-D3-AL	KT318-D08NA-D3-AL
DC 3 wire NPN常闭（NC ）只对铝检测	KT312-D04NB-DS12-AL	KJ318-D05NB-D3-AL	KT318-D08NB-D3-AL
DC 3 wire PNP常开（NO ）只对铝检测	KT312-D04PA-DS12-AL	KJ318-D05PA-D3-AL	KT318-D08PA-D3-AL
DC 3 wire PNP常闭（NC ）只对铝检测	KT312-D04PB-DS12-AL	KJ318-D05PB-D3-AL	KT318-D08PB-D3-AL
Machine Size Map 机械尺寸图			
Technical Data技术参数			
Operating Voltage / 工作电压	10-36VDC		
Max. Ripple / 涟波	<10%		
No Load Current / 空载电流	<10mA		
Max. Load Current/ 最大负载电流	200mA		
Leakge Current / 漏电流	<0. 01mA		
Voltage Drop / 电压降	<1. 5V		
Switching Frequency/ 开关频率	M30 :Flush:1000Hz /Non-Flush:500Hz	M30 :Flush:300Hz /Non-Flush:150Hz	
Response Time / 响应时间	0. 1ms/0.1ms		
Switching Hysteresis/ 迟滞	<15%(Sr)		
Repeat Accuracy/ 重复精度	< ±1.0%(Sr)		
Protection Category/ 防护等级	IP67		
Operating Temperature/ 工作温度	-25℃--+70℃		
Temperature Drift/ 温度漂移	< ±10%(Sr)		
Short Circuit Protection / 短路保护	YES		
Material Active Face / 感应面材质	不锈钢		
Led Display/ Led显示	YES		

M18	M18	M30	M30
 Flush齐平	 Non-flush非齐平	 Flush齐平	 Non-flush非齐平
			
5mm	8mm	10mm	15mm
KJ318-D05NA-DS12-FE	KT318-D08NA-DS12-FE	KJ330-D10NA-D3-FE	KT330-D13NA-D3-FE
KJ318-D05NB-DS12-FE	KT318-D08NB-DS12-FE	KJ330-D10NB-D3-FE	KT330-D13NB-D3-FE
KJ318-D05PA-DS12-FE	KT318-D08PA-DS12-FE	KJ330-D10PA-D3-FE	KT330-D13PA-D3-FE
KJ318-D05PB-DS12-FE	KT318-D08PB-DS12-FE	KJ330-D10PB-D3-FE	KT330-D13PB-D3-CU
KJ318-D05NA-DS12-CU	KT318-D08NA-DS12-CU	KJ330-D10NA-D3-CU	KT330-D13NA-D3-CU
KJ318-D05NB-DS12-CU	KT318-D08NB-DS12-CU	KJ330-D10NB-D3-CU	KT330-D13NB-D3-CU
KJ318-D05PA-DS12-CU	KT318-D08PA-DS12-CU	KJ330-D10PA-D3-CU	KT330-D13PA-D3-CU
KJ318-D05PB-DS12-CU	KT318-D08PB-DS12-CU	KJ330-D10PB-D3-CU	KT330-D13PB-D3-CU
KJ318-D05NA-DS12-AL	KT318-D08NA-DS12-AL	KJ330-D10NA-D3-AL	KT330-D13NA-D3-AL
KJ318-D05NB-DS12-AL	KT318-D08NB-DS12-AL	KJ330-D10NB-D3-AL	KT330-D13NB-D3-AL
KJ318-D05PA-DS12-AL	KT318-D08PA-DS12-AL	KJ330-D10PA-D3-AL	KT330-D13PA-D3-AL
KJ318-D05PB-DS12-AL	KT318-D08PB-DS12-AL	KJ330-D10PB-D3-AL	KT330-D13PB-D3-AL
			
Technical Data技术参数			
Operating Voltage / 工作电压		10-36VDC	
Max. Ripple / 涟波		<10%	
No Load Current/ 空载电流		<10mA	
Max. Load Current / 最大负载电流		200mA	
Leakge Current / 漏电流		<0. 01mA	
Voltage Drop / 电压降		<1. 5V	
Switching Frequency/ 开关频率		M3 0:Flush:1000 Hz/Non-Flush:500Hz	M30 :Flush :300Hz /Non-Flush:150Hz
Response Time / 响应时间		0. 1ms/0.1ms	
Switching Hysteresis/ 迟滞		<15%(Sr)	
Repeat Accuracy/ 重复精度		< ±1.0%(Sr)	
Protection Category / 防护等级		IP67	
Operating Temperature/ 工作温度		-25℃~+70℃	
Temperature Drift / 温度漂移		< ±10%(Sr)	
Short Circuit Protection / 短路保护		YES	
Material Active Face / 感应面材质		不锈钢	
Led Display/ Led显示		YES	

Dimension 外径尺寸	M12	M12	M12
Mounting 安装方式	 Flush齐平	 Non-flush非齐平	 Flush齐平
Product Photo 产品图片			
Sensing Distan ce Sn检测距离	2mm	4mm	2mm
AC 3 wire常开 (NO)	KJ312-D02AA-J3	KT312-D04AA-J3	KJ312-D02AA-JS12
AC 3 wire常闭 (NC)	KJ312-D02AB-J3	KT312-D04AB-J3	KJ312-D02AB-JS12
AC 4 wire常开+常闭 (NO+NC)			
AC/DC 3 wire常开 (NO)	KJ312-D02UA-DA3	KT312-D04UA-DA3	KJ312-D02UA-DAS12
AC/DC 3 wire常闭 (NC)	KJ312-D02UB-DA3	KT312-D04UB-DA3	KJ312-D02UB-DAS12
AC/DC 4 wire常开+常闭 (NO+NC)			
Machine Size Map 机械尺寸图			
Technical Data技术参数	AC 交流		AC/DC 交/直流
Operating Voltage / 工作电压	90~250VAC		20~250VAC /20-250VDC
No load current / 空载电流	<1.8mA		<2.5mA
Max. Load Current / 最大负载电流	400mA		200mA
Leakge Current / 漏电流	<1.8mA		<2.5mA
Surge current / 脉冲电流	5A for 20ms		2.2A for 20ms
Min. Load current / 最小负载电流	5mA		
Voltage Drop / 电压降	<8VAC AT 400mA		≤10VAC , ≤8VDC
Switching frequency / 开关频率	<25HZ		5HZ AC,40HZ DC,
Response Time / 响应时间	10ms /10ms		
Switching hysteresis / 迟滞	<15% (Sr)		
Repeat Accuracy / 重复精度	<1.0% (Sr)		
Protection Category / 防护等级	IP67		
Operating Temperature / 工作温度	-25℃~+70℃		
Temperature drift / 温度漂移	<10% (Sr)		
Short Circuit Protection / 短路保护	NO		YES
Material Active Face / 感应面材质	不锈钢		
Led Display / Led显示	YES		

M12	M18	M18	M18
 Non-flush非齐平	 Flush齐平	 Non-flush非齐平	 Flush齐平
			
4mm	5mm	8mm	5mm
KT312-D04A A-JS12	KJ318-D05AA-J3	KT318-D08AA-J3	KJ318-D05AA-JS12
KT312-D04AB-JS12	KJ318-D05AB-J3	KT318-D08AB-J3	KJ318-D05AB-JS12
KT312-D04UA-DAS12	KJ318-D05UA-DA3	KT318-D08UA-DA3	KJ318-D05UA-DAS12
KT312-D04UB-DAS12	KJ318-D05UB-DA3	KT318-D08UB-DA3	KJ318-D05UB-DAS12
			
Technical Data技术参数	AC 交流		AC/DC 交/直流
Operating Voltage / 工作电压	90~250VAC		20~250VAC / 20-250VDC
No load current / 空载电流	<1.8mA		<2.5mA
Max. Load Current / 最大负载电流	400mA		200mA
Leakge Current / 漏电流	<1.8mA		<2.5mA
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Min. Load current / 最小负载电流	5mA		
Voltage Drop / 电压降	<8VAC AT 400mA		≤10VAC , ≤8VDC
Switching frequency / 开关频率	<25HZ		25HZ AC,40HZ DC ,
Response Time / 响应时间	10ms		
Switching hysteresis / 迟滞	<15% (Sr)		
Repeat Accuracy / 重复精度	<1.0% (Sr)		
Protection Category / 防护等级	IP67		
Operating Temperature / 工作温度	-25℃~+70℃		
Temperature drift / 温度漂移	<10% (Sr)		
Short Circuit Protection / 短路保护	NO		YES
Material Active Face / 感应面材质	不锈钢		
Led Display / Led显示	YES		