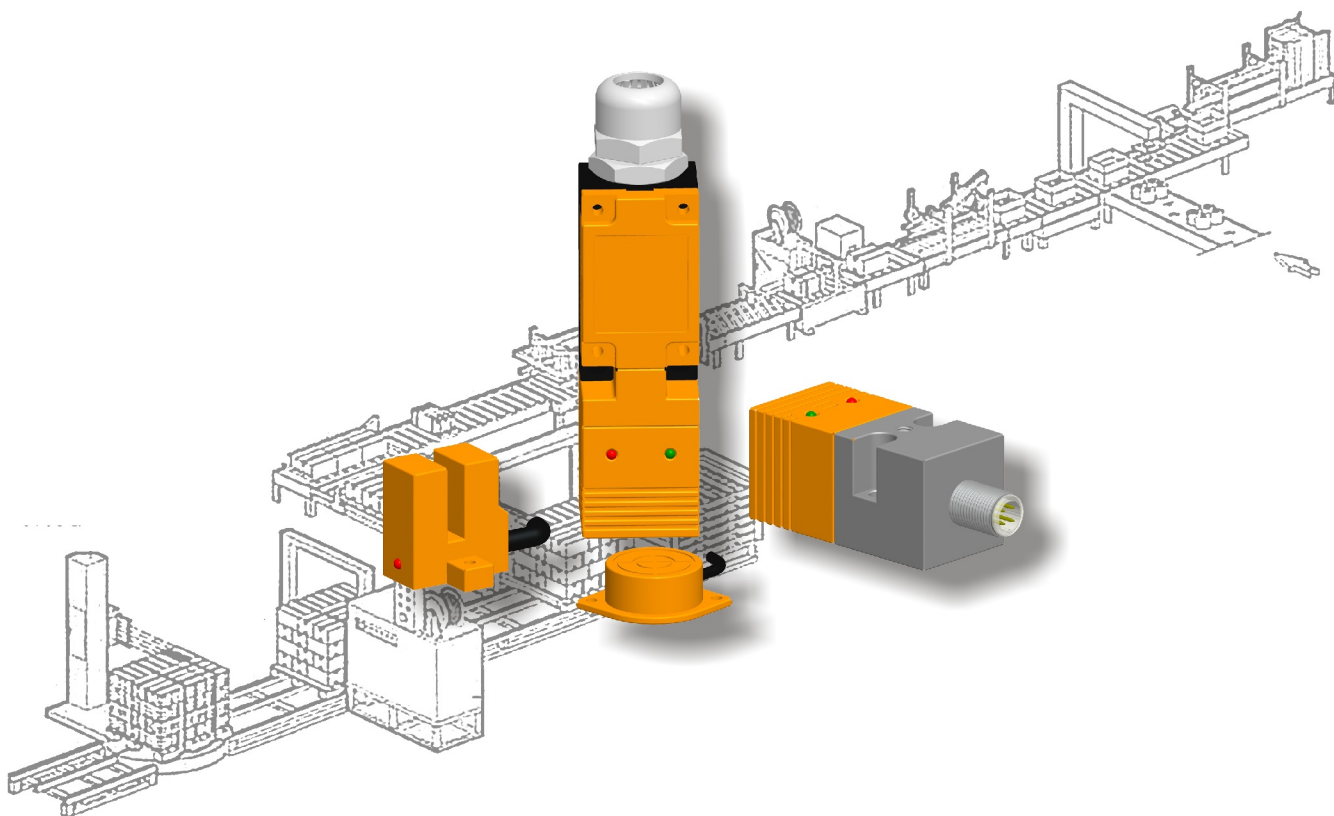
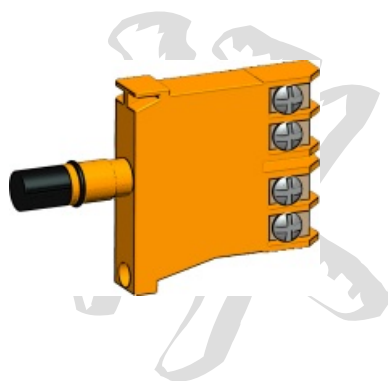
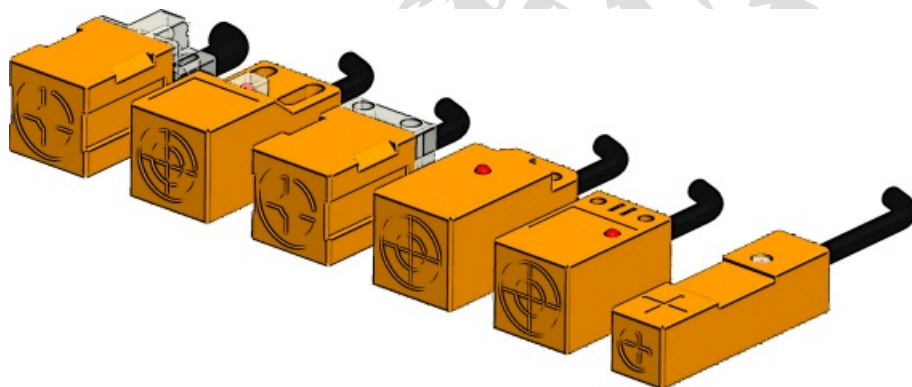
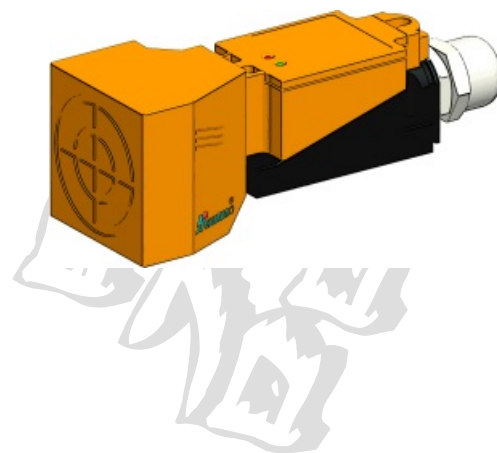


电感式接近开关



电感式接近开关

电感式接近开关——又称无触点接近开关，是理想的电子开关量传感器。当金属检测体接近开关的感应区域，开关就能无接触，无压力、无火花、迅速发出电气指令，准确反应出运动机构的位置和行程，即使用于一般的行程控制，其定位精度、操作频率、使用寿命、安装调整的方便性和对恶劣环境的适用能力，是一般机械式行程开关所不能相比的。



本企业的无触点接近开关，不但增加了大感应距离也扩大了开关的使用范围。因此可广泛运用于现代轻工、机械、钢铁、冶金、化工、电力、交通、矿山、军工、科研等领域，以及各种自动流水线和微机自动控制系统中，深受广大用户的青睐。产品规格型号齐全，电压范围宽，重复定位精度高，频率响应快，抗干扰性能好，安装调试方便，且耐高温、防水、可直接替代国内外同类产品，亦可根据用户要求研制所需的产品。

接近传感器的种类

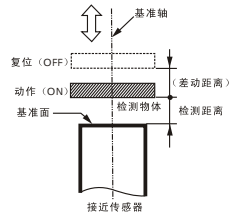
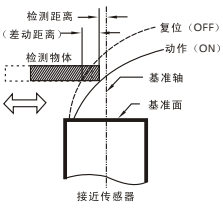
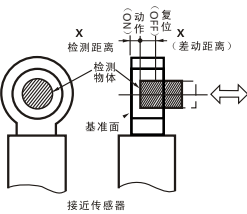
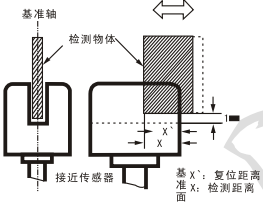
利用磁场—高频振荡型 响应速度快，检测金属物体* 根据高频振荡回路中的振荡线圈的阻抗变化，使之停止振荡而加以检测的。	利用磁场—差动线圈型 检测距离长，可检测金属物体。 把检测物体中产生的涡流造成的磁通，用检测线圈和比较线圈之差加以检测。
利用磁场—磁性型 仅检测磁性金属物体 利用永久磁铁的吸力，驱动舌簧开关。	利用电场—静电电容型 检测金属、非金属物体 振荡回路根据静电电容的变化或开始振荡或停止振荡而加以检测的。

■ 选用时的注意事项

当选用哪种型号时，为充分掌握使用目的及其使用场所的各种条件以及和控制装置的相互关系，要分析研究如下条件：

项目	分析内容	项目	分析内容
动作条件	请确认检测物体和接近传感器之间的关系 移动 — 通过间隔、速度 方向 — 有无振动 检测物体 — 大小、形状 — 有无镀层 检测 — 通过位置的偏差、允差 检测部形状 — 角柱、圆柱、贯通、槽 周围金属的状况 — 到检测部的距离 — 对向状况 — 周围金属的材料 周围金属的影响 (屏蔽型、非屏蔽型)	环境条件	接近开关的耐环境特性和其它检测用传感器相比虽然较好，但要预先充分研究分析温度条件严格的使用法和特殊环境的使用。 温度 — 最高值、最低值 — 温度影响 湿度 — 有无直射光等 — 高温用、低温用 — 要否遮阳 环境 — 水、油、铁粉 (污垢) — 要否耐水、耐油型 气氛 — 特殊化学药剂等 — 要否防爆型 振动 — 大小 — 要否坚固型 冲击 — 持续时间 — 安装方法
电气条件	使用电源 — 直流 (电压变动值、电流容量值) — 交流 (电压变动值、频率等) 负载 — 电阻负载……无触控制系统 — 感应负载……继电器、电磁线圈等 — 稳定电流值、突升电流值 — 动作、复位电压 (电流) — 灯负载 — 稳定电流值、突升电流值 — 开关频度 — 直流用 — 交流用 — 控制输出 — 最大电流 (电压) 值 — 漏电流 — 负载残余电压	安装条件	必须考虑安装方法，按所装机械装置的制约。维护检修的方便性、接近传感器的相互干扰等条件决定安装方法。 配线方法 — 使用电线种类、长度、耐油性、屏蔽线 — 电线管配线、线槽配线 连接方法 — 直接引出、端子配线 — 维护检修的方便性 安装方法 — 要否安装配件、直接安装 — 螺钉坚固、螺栓紧固 — 维护检修的方便性 固定场所 — 安装电位
		外部磁场的影响	● 直流磁场中的影响为200高斯，请勿在200高斯以上使用。 ● 直流磁场急激变化时，有可能造成误动作。请勿在使直流电磁铁ON、OFF这种用法之外使用。
		其他的条件	经济性 — 价格 — 交货期 — 标准产品 — 副标准产品 寿命 — 通电时间 — 使用频度

■ 检测距离的表达方式

项目	说明图	说明
圆柱型 ●角柱型		使检测物体接近基准轴方向 (向检测面垂直), 以从基准面测定的距离表示。
		试检测物体的基准面 (检测面) 平行移动, 以从基准轴测定的距离表示。此距离按通过位置, (从基准面的距离) 而变, 可作为动作点轨迹表示。(检测区图)
贯穿型		贯穿型及同样用法的槽型, 如图决定基准面测定, 使棒状检测物体接近基准轴方向进行测定。
槽型		槽型多为使薄金属板通过检测部分的槽的用法, 如图测定从基准面的插入距离。

■ 使用时的注意事项

■ 关于检测物体

检测物体的材料检测物体的非磁性金属时, 动作的距离要下降。但厚度为小于0.01mm左右的箔材料时, 会获得和磁性物体相同的检测距离, 而镀膜等及其薄时及无导电性时, 则不能检测。镀层的影响检测物体如有镀层时, 请注意其检测距离的变化。

■ 电源接入时的动作

从接入电源后到接近传感器能检测的时间在40ms以下。当负载和接近传感器采用不同电源时, 请务必使接近传感器的电源接入。

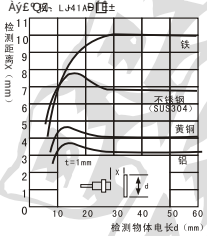
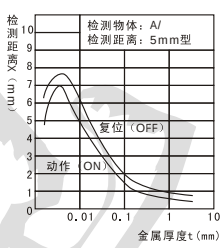
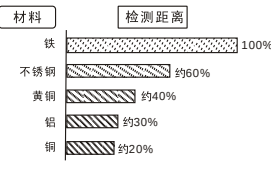
■ 关于电源变压器

直流电源务必采用绝缘变压器, 请勿使用自耦变压器。

■ 关于环境气候

为保持动作的可靠性和寿命长, 请避免用于规定以

主要特性 (以高频振荡型接近开关为例)

项目	说明	特性
检测物体的大小和检测距离	检测物体为正方形金属板, 厚度恒定 (t=1mm), 改变其边长dmm时的检测距离Xmm进行测定。(前面检测型) 	- 检测物体为大于标准检测物体时, 检测距离基本上恒定。 - 根据种类的不同, 有时和左记特性不同。 - 贯穿型等, 以圆柱状金属棒为检测物体, 示出其直径、长度造成的影响数据。
检测物体的厚度和检测距离	测定改变指定的标准检测物体形状的厚度tmm时的检测距离Xmm (前面检测型) 	- 一般用高频振荡型时检测物体即使为非磁性金属 (铜、铝等), 厚度达到 t=0.01mm 左右时, 有和磁性金属相同程度的检测距离。 - 磁性金属 (铁等) 时, 厚度在1mm以上时, 检测距离基本上没有变化。
检测物体材料和镀层等造成的影响	标准检测物体由于形状、尺寸因其材料或各种镀层引起的影响, 用检测距离Xmm的测定加以确认。 	- 铁以外的金属造成的检测距离及镀层的影响, 根据不同的机种而不同。 - 检测所有金属的种类时, 基本上不受镀层影响。

外的温度及外界 (户外) 条件下, 接近传感器虽为耐水结构, 若装上罩盖使用, 不使水和水溶性切削油等淋到, 则可更好地提高可靠性及寿命。还请避免在化学药剂, 特别是在碱、酸、硝酸、铬酸、热浓硫酸等环境中使用。

■ 关于维护检修

为使接近传感器长期稳定工作, 和一般的控制机器一样请进行下列定期检查。

- 1、检测物体及接近传感器的安装位置, 有无偏移、松动、变形。
- 2、配线、连接部位有无松动, 接触不良、断线。
- 3、有无附粘金属粉末等杂物。
- 4、使用温度条件、周围环境条件有无异常。
- 5、检测距离有无异常。

概述

交流开关型的注意事项

当采用交流开关型时，特别是关于负载的选择及配线，请注意下列各种事项。

回路上的注意事项

浪涌保护

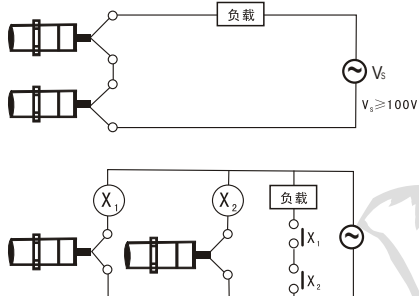
在使用接近传感器附近，有发生较大浪涌的装置（电动机、电焊机等）时，虽在接近传感器内装有浪涌吸收回路，但请考虑把非线性电阻等浪涌吸收器接入发生源。

消耗（漏）电流的影响

即使接近传感器OFF时，为使回路动作也有微小电流作消耗电流。请见消耗（漏）电流特征图）。因此负载上剩有微小电压，有负载复位不良。请在确认此电压低于负载复位电压。

关于串联、并联

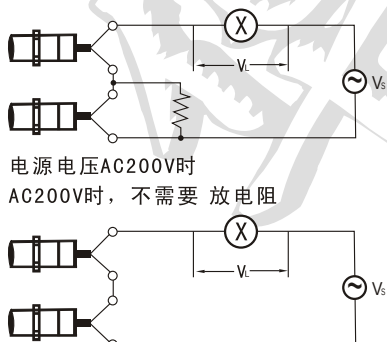
有些接近传感器不能够串联使用，需要时请经过继电器使用。



两个接近传感器串联，AND回路使用时请注意下列事项。

电源电压AC100V时

如下图请把放电电阻30K（1W以上）和接近传感器的任何一个并联使用。若无放电电阻，则不能进行AND动作。

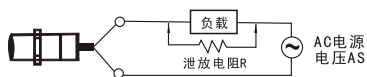


电源电压AC200V时

AC200V时，不需要放电电阻

负载电流较小时

负载电流低于10mA时，请接泄放电阻，通以10mA以上的电流，使残余电压低于负载的复位电压。



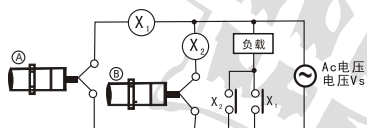
泄放电阻值及允许功率如下式计算。

$$R \leq \frac{V_s}{10-I} \text{ K}\Omega \quad P > \frac{V_s^2}{R} \text{ (mW)}$$

式中P：泄放电阻的瓦数（实际以几倍以上功率瓦数使用。）

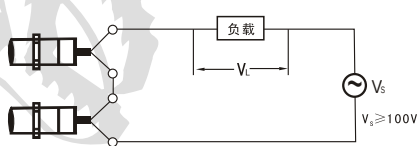
I：负载电流（mA）

但考虑余量，AC100V时推荐用10K 3W（5W）以上AC200V时推荐用20K 10W（20W）以上的电阻。发热影响成问题时，请用大于（ ）内的瓦数。



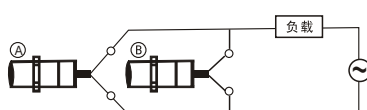
电源电压的确认

无论AC100V或200V，都在接近传感器ON时，加到负载上的电压VL为： $V_L = V_s - 20 \text{ (V)}$ 从而，如果VL不大于负载的动作电压，则负载就不动作，所以要预先加以确认。还有，3个以上的接近传感器串联，AND回路使用时，3个是极限数。（注意下图的Vs值）。



并联

2个以上的接近传感器并联，OR回路使用，原则上是不行的。



AB不同的动作，仅不需要保持负载时，虽可并联使用，但消耗电源（漏电流）为几倍容易产生复位不良，给予以注意。ON为接近传感器个数AB同时动作并要求保持负载时不能使用。即要AB同时动并保持负载时，现在A若ON，则AB两端的电压降到约10V，负载电流通过A流过而动作。然后当

检测物体接近B时，B两端的电压为10V，用过份低，不能使用B的开关元件动作。A再OFF则AB两端的电压上升到电源电压，于是B才能变为ON。

负载的漏电流

接近传感器即使在OFF时，由于漏电流，负载上有残余电压，所以负载电流即使大于10mA，在使用前，请确认负载的复位电压。（见负载残余电压特征-漏电流特征图）。特别是作为负载经电子式计时器和整流回路使用DC继电器和DC计数器时，请充分注意。

突升电流较大的负载

如灯和电动机等，突升电流较大的负载会使开关元件损坏。此时请经过继电器使用。

此间，A变为OFF，B也变为OFF的时间约为10mS，负载间地复A143如此为保持负载时，如上图请经过继电器使用。

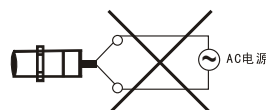
电源电压形

请使用正弦波工作电压，常用矩形波电源时，这种交流电源会造成复位不良等原因。

其他注意事项

和电源的连接

务必经过负载进行连接，直接连接电源有时造成内部损坏很危险请绝对加以避免。



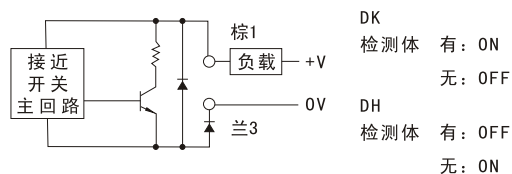
采用金属配管

当开关连接线附近有电力线、动力线经过时，为防止误动作，需单独设置金属软管进行配线。开关电线的长度虽不会影响其操作特性，但考虑电压降，一般情況下不超过200米。

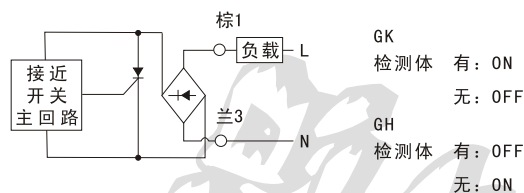
在安装时，开关的电源线不可过度拉扯或摆动，开关的检测面严禁受撞击。

输出回路图

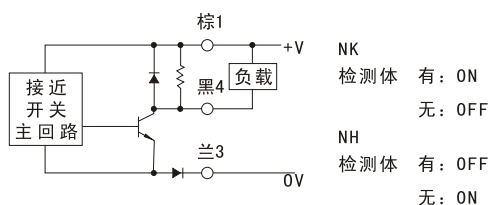
DC 两线NO、NC输出回路图(DK、DH)



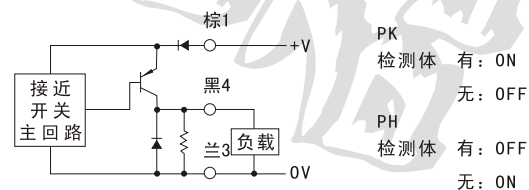
AC 两线NO、NC输出回路图(GK、GH)



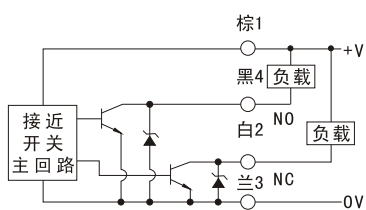
DC NPN型NO、NC输出回路图(NK、NH)



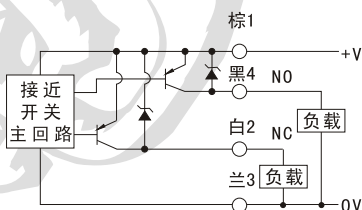
DC PNP型NO、NC输出回路图(PK、PH)



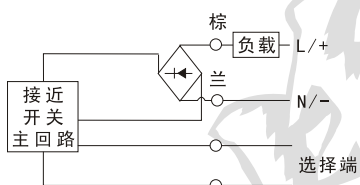
DC NPN型NO+NC输出回路图(NT)



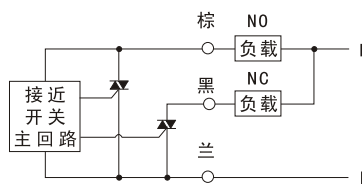
DC PNP型NO+NC输出回路图(PT)



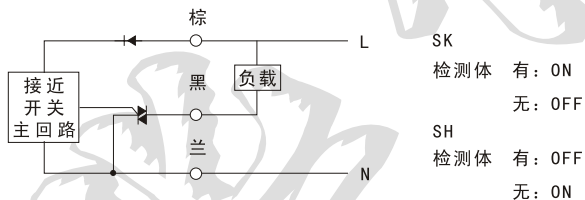
AC/DC 二线NO\NC可选输出回路图(GC/DC)



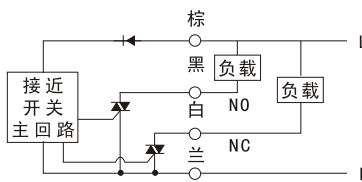
AC 三线NO+NC输出回路图(GT)



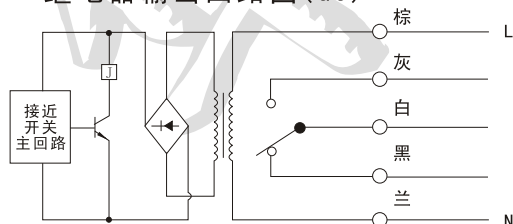
AC 三线NO、NC输出回路图(SK、SH)



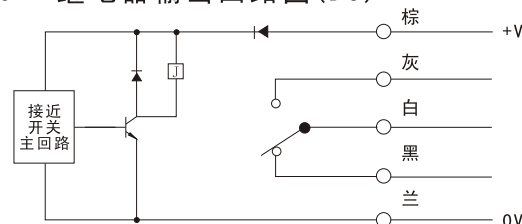
AC 四线NO+NC输出回路图(ST)

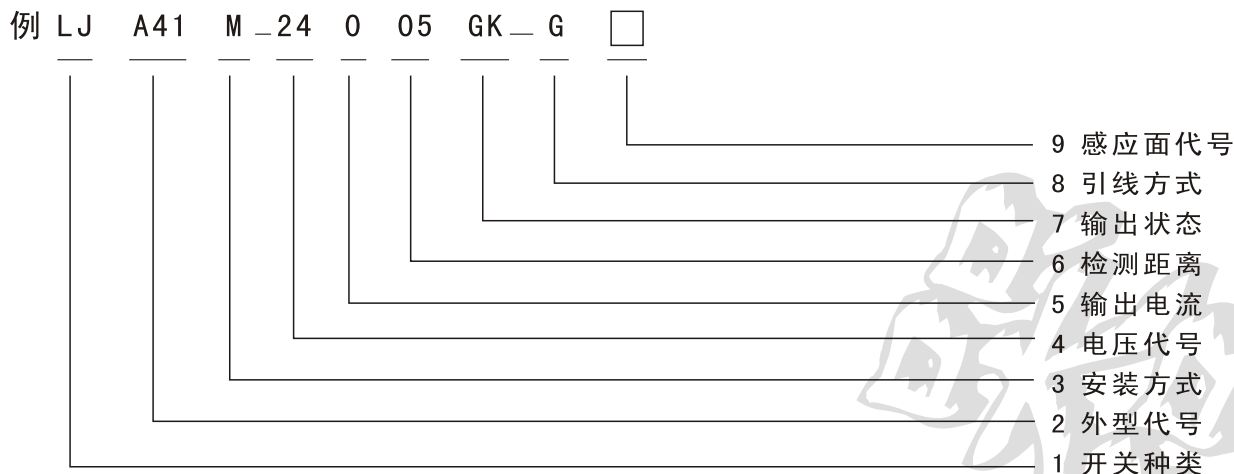


AC 继电器输出回路图(GJ)



DC 继电器输出回路图(DJ)





1、开关种类

- LJ 电感式开关
- XJ 电感式模拟量传感器
- CS 抑制速度传感器
- NJ NAMUR (本安) 传感器
- FJ 霍尔传感器
- CJ 电容式接近开关
- SJ 磁感式接近开关
- EJ 非磁性金属感应开关

2、外型代号

- A-- 螺纹型系列
- B-- 圆柱型系列
- C-- 方型系列
- D-- 平扁型系列
- E-- 矮圆柱系列
- F-- 槽型系列
- G-- 组合型系列
- H-- 特殊型系列
- I-- 贯穿型系列
- K-- 多边型系列

3、安装方式

- 非埋入式
- M 埋入式

4、电压代号(AC)

- 20 24V (18-32V)
- 21 36V (26-45V)
- 22 48V (30-60V)
- 23 110V (70-150V)
- 24 220V (90-250V)
- 25 380V (350-420V)
- 26 20-250V
- 29 特殊交流电压

电压代号(DC)

- 30 24V (10-30V)
- 31 36V (10-55V)
- 32 48V (10-55V)
- 33 60V (20-80V)
- 34 110V (20-250V)
- 35 220V (20-250V)
- 39 特殊直流电压
- 40 AC、DC20-250V

5、输出电流

- DC二线50mA
- DC三、四线200mA
- AC二线300mA
- 0 DC二线100mA
- 0 DC三、四线400mA
- 0 AC二线500mA
- 9 特殊电流

6、检测距离(mm)

7、输出状态(交流电压)

- GK 二线常开
- GH 二线常闭
- GC 二线开或闭可选
- SK 三线常开
- SH 三线常闭
- GT 三线常开+常闭
- ST 四线常开+常闭
- GJ 继电器触点输出
- GX 特殊交流形式
- 输出状态(直流电压)
- DK 二线常开
- DH 二线常闭

DC 二线开或闭可选

- NK 三线NPN常开
- NH 三线NPN常闭
- PK 三线PNP常开
- PH 三线PNP常闭
- NT 四线NPN常开+常闭
- PT 四线PNP常开+常闭
- DJ 继电器触点输出
- DX 特殊直线形式

8、引线方式

- 1.2m引线
- A 内端子引线
- B、C C×16系列接插件
- D、E S×12系列接插件
- F、G M 12四芯接插件
- H Φ28五芯接插件
- I M8接插件
- X 特殊插件

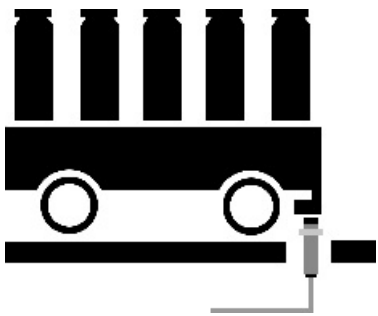
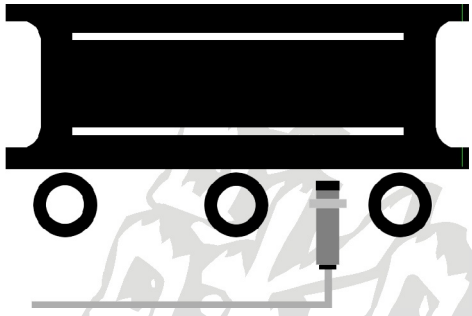
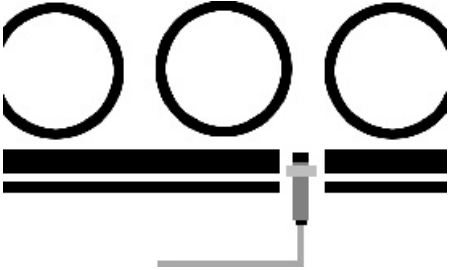
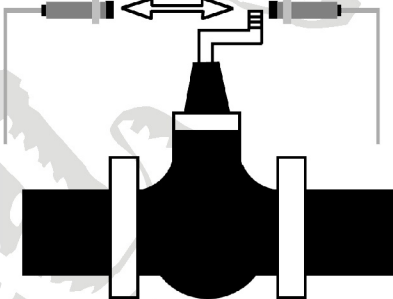
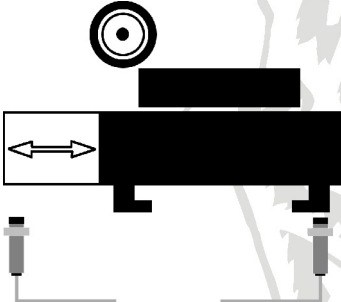
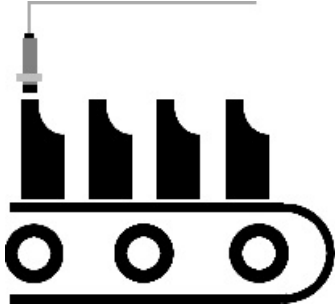
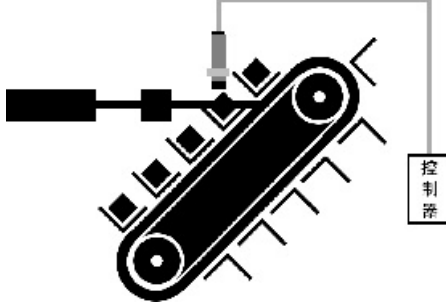
9、感应面代号

- 对端感应
- 2 左侧感应
- 3 右侧感应
- 4 上侧感应
- 5 分离式

举例:

LJA41M-24005GK-G表示电感式开关, 外型为M18×1×65, 工作电压AC220V, 工作电流500mA, 检测距离5mm, 二线式常开, 引线方式为G型接插式。

应用图例

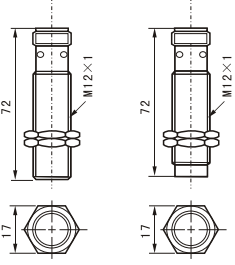
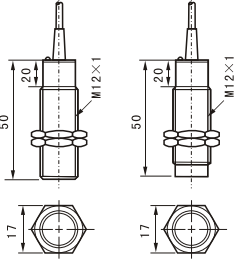
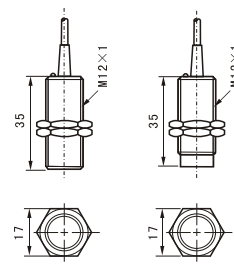
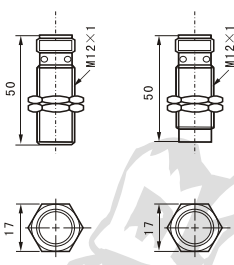
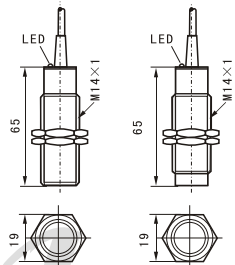
 物体定位	 物体到位、通过
 连续通过的检测	 开关位置的确认
 行程限位	 产品计量
 存在、通过	 投料速度控制

产 品 索 引

A — 圆柱螺纹型系列	-----	10-15
B — 圆柱型系列	-----	15-16
C — 方型系列	-----	17-20
D — 平扁型系列	-----	20-24
E — 矮圆柱型系列	-----	24-26
F — 槽型系列	-----	27-28
G — 组合型系列	-----	28-30
H — 特殊型系列	-----	30-35
I — 贯穿型系列	-----	35-36
K — 多边型系列	-----	36-38
CJ — 电容式系列	-----	39-41

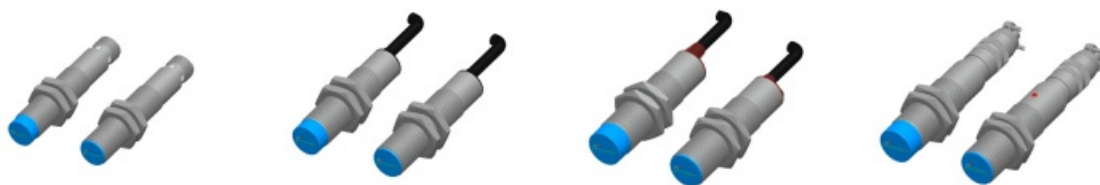
额定感应距离/ 实际工作距离		埋入式	1mm/0.8mm	1mm/0.8mm	1mm/0.8mm	2mm/1.6mm
		非埋入式	2mm/1.6mm	2mm/1.6mm	2mm/1.6mm	4mm/3.2mm
单位:mm						
埋入式 非埋入式						
电源电压			10…30VDC	10…30VDC	10…30VDC	10…30VDC
工作电流 二线/三、四线			50mA/200mA	50mA/200mA	50mA/200mA	50mA/200mA
工作频率 二线/三、四线			500Hz/1000Hz	500Hz/1000Hz	500Hz/1000Hz	400Hz/800Hz
输出压降 二线/三、四线			6V/1.5V	6V/1.5V	6V/1.5V	6V/1.5V
泄漏电流 二线/三、四线			<0.4mA/0.05mA	<0.4mA/0.05mA	<0.4mA/0.05mA	<0.4mA/0.05mA
埋入式	三/四线制 PNP	常开	LJAO1M-3001PK	LJAO1M-3001PK-G	LJAO1M-3001PK-I	LJA11M-3002PK
		常闭	LJAO1M-3001PH	LJAO1M-3001PH-G	LJAO1M-3001PH-I	LJA11M-3002PH
		开+闭				LJA11M-3002PT
	三/四线制 NPN	常开	LJAO1M-3001NK	LJAO1M-3001NK-G	LJAO1M-3001NK-I	LJA11M-3002NK
		常闭	LJAO1M-3001NH	LJAO1M-3001NH-G	LJAO1M-3001NH-I	LJA11M-3002NH
		开+闭				LJA11M-3002NT
	二线制	常开	LJAO1M-3001DK	LJAO1M-3001DK-G	LJAO1M-3001DK-I	LJA11M-3002DK
常闭		LJAO1M-3001DH	LJAO1M-3001DH-G	LJAO1M-3001DH-I	LJA11M-3002DH	
开闭可选						
继电器触点输出						
非埋入式	三/四线制 PNP	常开	LJAO1-3002PK	LJAO1-3002PK-G	LJAO1-3002PK-I	LJA11-3004PK
		常闭	LJAO1-3002PH	LJAO1-3002PH-G	LJAO1-3002PH-I	LJA11-3004PH
		开+闭				LJA11-3004PT
	三/四线制 NPN	常开	LJAO1-3002NK	LJAO1-3002NK-G	LJAO1-3002NK-I	LJA11-3004NK
		常闭	LJAO1-3002NH	LJAO1-3002NH-G	LJAO1-3002NH-I	LJA11-3004NH
		开+闭				LJA11-3004NT
	二线制	常开	LJAO1-3002DK	LJAO1-3002DK-G	LJAO1-3002DK-I	LJA11-3004DK
		常闭	LJAO1-3002DH	LJAO1-3002DH-G	LJAO1-3002DH-I	LJA11-3004DH
		开闭可选				
	继电器触点输出					
电源电压						90…250VAC
工作电流						300mA
工作频率						25Hz
输出压降						<6.5V
泄漏电流 二线						≤1.6mA
埋入式	二线制	常开				LJA11M-2402GK
		常闭				LJA11M-2402GH
	AC\DC 20-250V	常开				
		常闭				
继电器触点输出						
非埋入式	二线制	常开				LJA11-2404GK
		常闭				LJA11-2404GH
	AC\DC 20-250V	常开				
		常闭				
继电器触点输出						
绝缘阻抗(Ω)			>20MΩ(DC500V)	>20MΩ(DC500V)	>20MΩ(DC500V)	>20MΩ(DC500V)
击穿电压(直流型/交流型)			DC1500V	DC1500V	DC1500V	DC1500V/AC2000V
短路保护			Yes	Yes	Yes	Yes
环境工作温度			-25℃…70℃	-25℃…70℃	-25℃…70℃	-25℃…70℃
标准检测体(A3)			20×20×1t	20×20×1t	20×20×1t	30×30×1t
外壳材料			Chrome-plated brass	Chrome-plated brass	Chrome-plated brass	Chrome-plated brass
防护等级			IP66	IP65	IP65	IP66

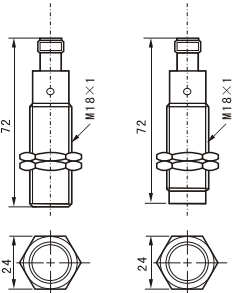
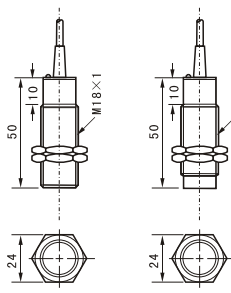
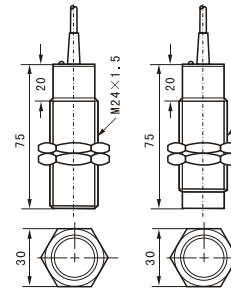
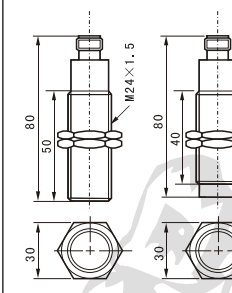
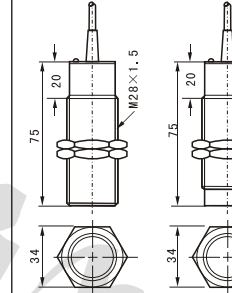


2mm/1.6mm 4mm/3.2mm	2mm/1.6mm 4mm/3.2mm	2mm/1.6mm 4mm/3.2mm	2mm/1.6mm 4mm/3.2mm	3mm/2.4mm 5mm/4mm
				
10...30VDC 50mA/200mA 400Hz/800Hz 6V/1.5V <0.4mA/0.05mA LJA11M-3002PK-G LJA11M-3002PH-G LJA11M-3002PT-G LJA11M-3002NK-G LJA11M-3002NH-G LJA11M-3002NT-G LJA11M-3002DK-G LJA11M-3002DH-G	10...30VDC 50mA/200mA 400Hz/800Hz 6V/1.5V <0.4mA/0.05mA LJA13M-3002PK LJA13M-3002PH LJA13M-3002PT LJA13M-3002NK LJA13M-3002NH LJA13M-3002NT LJA13M-3002DK LJA13M-3002DH	10...30VDC 50mA/200mA 400Hz/800Hz 6V/1.5V <0.4mA/0.05mA LJA14M-3002PK LJA14M-3002PH LJA14M-3002NK LJA14M-3002NH LJA14M-3002DK LJA14M-3002DH	10...30VDC 50mA/200mA 400Hz/800Hz 6V/1.5V <0.4mA/0.05mA LJA14M-3002PK-G LJA14M-3002PH-G LJA14M-3002NK-G LJA14M-3002NH-G LJA14M-3002DK-G LJA14M-3002DH-G	10...30VDC 50mA/200mA 300Hz/600Hz 6V/1.5V <0.4mA/0.05mA LJA21M-3003PK LJA21M-3003PH LJA21M-3003PT LJA21M-3003NK LJA21M-3003NH LJA21M-3003NT LJA21M-3003DK LJA21M-3003DH
LJA11-3004PK-G LJA11-3004PH-G LJA11-3004PT-G LJA11-3004NK-G LJA11-3004NH-G LJA11-3004NT-G LJA11-3004DK-G LJA11-3004DH-G	LJA13-3004PK LJA13-3004PH LJA13-3004PT LJA13-3004NK LJA13-3004NH LJA13-3004NT LJA13-3004DK LJA13-3004DH	LJA14-3004PK LJA14-3004PH LJA14-3004NK LJA14-3004NH LJA14-3004DK LJA14-3004DH	LJA14-3004PK-G LJA14-3004PH-G LJA14-3004NK-G LJA14-3004NH-G LJA14-3004DK-G LJA14-3004DH-G	LJA21-3005PK LJA21-3005PH LJA21-3005PT LJA21-3005NK LJA21-3005NH LJA21-3005NT LJA21-3005DK LJA21-3005DH
90...250VAC 300mA 25Hz <6.5V ≤1.6mA LJA11M-2402GK-G LJA11M-2402GH-G	90...250VAC 300mA 25Hz <6.5V ≤1.6mA LJA13M-2402GK LJA13M-2402GH			90...250VAC 300mA 25Hz <6.5V ≤1.6mA LJA21M-2403GK LJA21M-2403GH
LJA11-2404GK-G LJA11-2404GH-G	LJA13-2404GK LJA13-2404GH			LJA21-2405GK LJA21-2405GH
>20MΩ (DC500V) DC1500V/AC2000V Yes -25℃...70℃ 30×30×1t Chrome-plated brass IP65	>20MΩ (DC500V) DC1500V/AC2000V Yes -25℃...70℃ 30×30×1t Chrome-plated brass IP66	>20MΩ (DC500V) DC1500V/AC2000V Yes -25℃...70℃ 30×30×1t Chrome-plated brass IP66	>20MΩ (DC500V) DC1500V/AC2000V Yes -25℃...70℃ 30×30×1t Chrome-plated brass IP65	>20MΩ (DC500V) DC1500V/AC2000V Yes -25℃...70℃ 40×40×1t Chrome-plated brass IP66

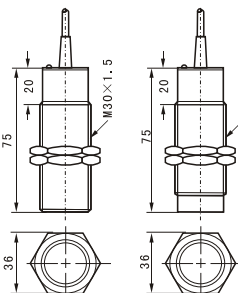
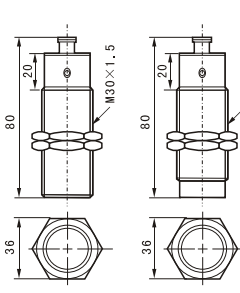
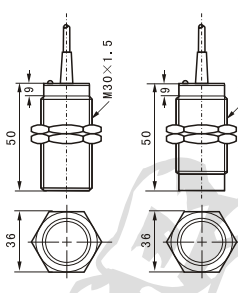
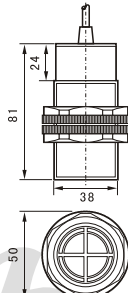


额定感应距离/ 实际工作距离		埋入式	3mm/2.4mm		4mm/3.2mm		5mm/4mm		5mm/4mm		
		非埋入式	5mm/4mm		6mm/4.8mm		8mm/6.4mm		8mm/6.4mm		
单位:mm											
埋入式 非埋入式											
电源电压			10…30VDC			10…30VDC			10…30VDC		
工作电流 二线/三、四线			50mA/200mA			50mA/200mA			50mA/200mA		
工作频率 二线/三、四线			300Hz/600Hz			300Hz/600Hz			200Hz/500Hz		
输出压降 二线/三、四线			6V/1.5V			6V/1.5V			6V/1.5V		
泄漏电流 二线/三、四线			<0.4mA/0.05mA			<0.4mA/0.05mA			<0.4mA/0.05mA		
埋入式	三/四线制 PNP	常开	LJA21M-3003PK-G			LJA31M-3004PK			LJA41M-3005PK		
		常闭	LJA21M-3003PH-G			LJA31M-3004PH			LJA41M-3005PH		
		开+闭	LJA21M-3003PT-G			LJA31M-3004PT			LJA41M-3005PT		
		常开	LJA21M-3003NK-G			LJA31M-3004NK			LJA41M-3005NK		
		常闭	LJA21M-3003NH-G			LJA31M-3004NH			LJA41M-3005NH		
		开+闭	LJA21M-3003NT-G			LJA31M-3004NT			LJA41M-3005NT		
	二线制	常开	LJA21M-3003DK-G			LJA31M-3004DK			LJA41M-3005DK		
		常闭	LJA21M-3003DH-G			LJA31M-3004DH			LJA41M-3005DH		
	开闭可选										
	继电器触点输出										
非埋入式	三/四线制 PNP	常开	LJA21-3005PK-G			LJA31-3006PK			LJA41-3008PK		
		常闭	LJA21-3005PH-G			LJA31-3006PH			LJA41-3008PH		
		开+闭	LJA21-3005PT-G			LJA31-3006PT			LJA41-3008PT		
		常开	LJA21-3005NK-G			LJA31-3006NK			LJA41-3008NK		
		常闭	LJA21-3005NH-G			LJA31-3006NH			LJA41-3008NH		
		开+闭	LJA21-3005NT-G			LJA31-3006NT			LJA41-3008NT		
	二线制	常开	LJA21-3005DK-G			LJA31-3006DK			LJA41-3008DK		
		常闭	LJA21-3005DH-G			LJA31-3006DH			LJA41-3008DH		
	开闭可选										
	继电器触点输出										
电源电压			90…250VAC			90…250VAC			90…250VAC		
工作电流			300mA			300mA			300mA		
工作频率			25Hz			25Hz			25Hz		
输出压降			<6.5V			<6.5V			<6.5V		
泄漏电流 二线			≤1.6mA			≤1.6mA			≤1.6mA		
埋入式	二线制	常开	LJA21M-2403GK-G			LJA31M-2404GK			LJA41M-2405GK		
		常闭	LJA21M-2403GH-G			LJA31M-2404GH			LJA41M-2405GH		
	AC\DC 20-250V	常开							LJA41M-4005GK		
		常闭							LJA41M-4005GH		
	继电器触点输出										
非埋入式	二线制	常开	LJA21-2405GK-G			LJA31-2406GK			LJA41-2408GK		
		常闭	LJA21-2405GH-G			LJA31-2406GH			LJA41-2408GH		
	AC\DC 20-250V	常开							LJA41-4008GK		
		常闭							LJA41-4008GH		
	继电器触点输出										
绝缘阻抗(Ω)			>20MΩ(DC500V)			>20MΩ(DC500V)			>20MΩ(DC500V)		
击穿电压(直流型/交流型)			DC1500V/AC2000V			DC1500V/AC2000V			DC1500V/AC2000V		
短路保护			Yes			Yes			Yes		
环境工作温度			-25℃…70℃			-25℃…70℃			-25℃…70℃		
标准检测体(A3)			40×40×1t			40×40×1t			40×40×1t		
外壳材料			Chrome-plated brass			Chrome-plated brass			Chrome-plated brass		
防护等级			IP65			IP66			IP66		

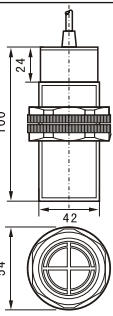
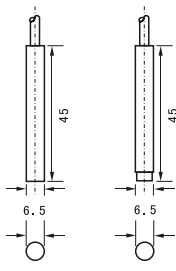
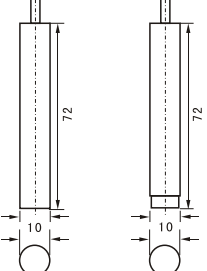
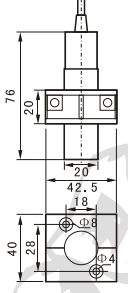
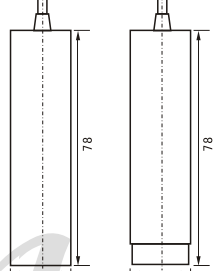


5mm/4mm 8mm/6.4mm	5mm/4mm 8mm/6.4mm	7mm/5.6mm 10mm/8mm	7mm/5.6mm 10mm/8mm	10mm/8mm 13mm/11.2mm
				
10...30VDC 50mA/200mA 200Hz/500Hz 6V/1.5V <0.4mA/0.05mA LJA41M-3005PK-G LJA41M-3005PH-G LJA41M-3005PT-G LJA41M-3005NK-G LJA41M-3005NH-G LJA41M-3005NT-G LJA41M-3005DK-G LJA41M-3005DH-G	10...30VDC 50mA/200mA 200Hz/500Hz 6V/1.5V <0.4mA/0.05mA LJA45M-3005PK LJA45M-3005PH LJA45M-3005PT LJA45M-3005NK LJA45M-3005NH LJA45M-3005NT LJA45M-3005DK LJA45M-3005DH	10...30VDC 50mA/200mA 100Hz/200Hz 6V/1.5V <0.4mA/0.05mA LJA51M-3007PK LJA51M-3007PH LJA51M-3007PT LJA51M-3007NK LJA51M-3007NH LJA51M-3007NT LJA51M-3007DK LJA51M-3007DH	10...30VDC 50mA/200mA 100Hz/200Hz 6V/1.5V <0.4mA/0.05mA LJA51M-3007PK-G LJA51M-3007PH-G LJA51M-3007PT-G LJA51M-3007NK-G LJA51M-3007NH-G LJA51M-3007NT-G LJA51M-3007DK-G LJA51M-3007DH-G	10...30VDC 50mA/200mA 100Hz/200Hz 6V/1.5V <0.4mA/0.05mA LJA61M-3010PK LJA61M-3010PH LJA61M-3010PT LJA61M-3010NK LJA61M-3010NH LJA61M-3010NT LJA61M-3010DK LJA61M-3010DH
LJA41-3008PK-G LJA41-3008PH-G LJA41-3008PT-G LJA41-3008NK-G LJA41-3008NH-G LJA41-3008NT-G LJA41-3008DK-G LJA41-3008DH-G	LJA45-3008PK LJA45-3008PH LJA45-3008PT LJA45-3008NK LJA45-3008NH LJA45-3008NT LJA45-3008DK LJA45-3008DH	LJA51-3010PK LJA51-3010PH LJA51-3010PT LJA51-3010NK LJA51-3010NH LJA51-3010NT LJA51-3010DK LJA51-3010DH	LJA51-3010PK-G LJA51-3010PH-G LJA51-3010PT-G LJA51-3010NK-G LJA51-3010NH-G LJA51-3010NT-G LJA51-3010DK-G LJA51-3010DH-G	LJA61-3013PK LJA61-3013PH LJA61-3013PT LJA61-3013NK LJA61-3013NH LJA61-3013NT LJA61-3013DK LJA61-3013DH
90...250VAC 300mA 25Hz <6.5V ≤1.6mA LJA41M-2405GK-G LJA41M-2405GH-G LJA41M-4005GK-G LJA41M-4005GH-G	90...250VAC 300mA 25Hz <6.5V ≤1.6mA LJA45M-2405GK LJA45M-2405GH	90...250VAC 300mA 25Hz <6.5V ≤1.6mA LJA51M-2407GK LJA51M-2407GH LJA51M-4007GK LJA51M-4007GH	90...250VAC 300mA 25Hz <6.5V ≤1.6mA LJA51M-2407GK-G LJA51M-2407GH-G LJA51M-4007GK-G LJA51M-4007GH-G	90...250VAC 300mA 25Hz <6.5V ≤1.6mA LJA61M-2410GK LJA61M-2410GH LJA61M-4010GK LJA61M-4010GH
LJA41-2408GK-G LJA41-2408GH-G LJA41-4008GK-G LJA41-4008GH-G	LJA45-2408GK LJA45-2408GH	LJA51-2410GK LJA51-2410GH LJA51-4010GK LJA51-4010GH	LJA51-2410GK-G LJA51-2410GH-G LJA51-4010GK-G LJA51-4010GH-G	LJA61-2413GK LJA61-2413GH LJA61-4013GK LJA61-4013GH
>20M Ω (DC500V) DC1500V/AC2000V Yes -25℃...70℃ 40×40×1t Chrome-plated brass IP65	>20M Ω (DC500V) DC1500V/AC2000V Yes -25℃...70℃ 40×40×1t Chrome-plated brass IP66	>20M Ω (DC500V) DC1500V/AC2000V Yes -25℃...70℃ 50×50×1t Chrome-plated brass IP66	>20M Ω (DC500V) DC1500V/AC2000V Yes -25℃...70℃ 50×50×1t Chrome-plated brass IP65	>20M Ω (DC500V) DC1500V/AC2000V Yes -25℃...70℃ 60×60×1t Chrome-plated brass IP66

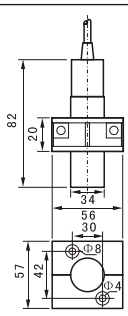
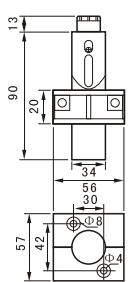
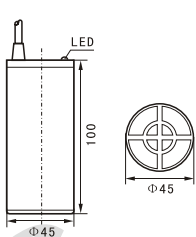


额定感应距离/ 实际工作距离			埋入式	10mm/8mm 15mm/12mm	10mm/8mm 15mm/12mm	10mm/8mm 15mm/12mm	10mm/8mm 15mm/12mm
			非埋入式				
单位:mm							
							
							
电源电压				10…30VDC	10…30VDC	10…30VDC	10…30VDC
工作电流 二线/三、四线				50mA/200mA	50mA/200mA	50mA/200mA	50mA/200mA
工作频率 二线/三、四线				100Hz/200Hz	100Hz/200Hz	100Hz/200Hz	100Hz/200Hz
输出压降 二线/三、四线				6V/1.5V	6V/1.5V	6V/1.5V	6V/1.5V
泄漏电流 二线/三、四线				<0.4mA/0.05mA	<0.4mA/0.05mA	<0.4mA/0.05mA	<0.4mA/0.05mA
埋入式	三/四线制 PNP	常开	LJA71M-3010PK	LJA71M-3010PK-G	LJA74M-3010PK	LJA81M-3010PK	
		常闭	LJA71M-3010PH	LJA71M-3010PH-G	LJA74M-3010PH	LJA81M-3010PH	
		开+闭	LJA71M-3010PT	LJA71M-3010PT-G	LJA74M-3010PT	LJA81M-3010PT	
	三/四线制 NPN	常开	LJA71M-3010NK	LJA71M-3010NK-G	LJA74M-3010NK	LJA81M-3010NK	
		常闭	LJA71M-3010NH	LJA71M-3010NH-G	LJA74M-3010NH	LJA81M-3010NH	
		开+闭	LJA71M-3010NT	LJA71M-3010NT-G	LJA74M-3010NT	LJA81M-3010NT	
	二线制	常开	LJA71M-3010DK	LJA71M-3010DK-G	LJA74M-3010DK	LJA81M-3010DK	
		常闭	LJA71M-3010DH	LJA71M-3010DH-G	LJA74M-3010DH	LJA81M-3010DH	
		开闭可选	LJA71M-3010DC	LJA71M-3010DC-G	LJA74M-3010DC	LJA81M-3010DC	
	继电器触点输出		LJA71M-3010DJ			LJA81M-3010DJ	
非埋入式	三/四线制 PNP	常开	LJA71-3015PK	LJA71-3015PK-G	LJA74-3015PK	LJA81-3015PK	
		常闭	LJA71-3015PH	LJA71-3015PH-G	LJA74-3015PH	LJA81-3015PH	
		开+闭	LJA71-3015PT	LJA71-3015PT-G	LJA74-3015PT	LJA81-3015PT	
	三/四线制 NPN	常开	LJA71-3015NK	LJA71-3015NK-G	LJA74-3015NK	LJA81-3015NK	
		常闭	LJA71-3015NH	LJA71-3015NH-G	LJA74-3015NH	LJA81-3015NH	
		开+闭	LJA71-3015NT	LJA71-3015NT-G	LJA74-3015NT	LJA81-3015NT	
	二线制	常开	LJA71-3015DK	LJA71-3015DK-G	LJA74-3015DK	LJA81-3015DK	
		常闭	LJA71-3015DH	LJA71-3015DH-G	LJA74-3015DH	LJA81-3015DH	
		开闭可选	LJA71-3015DC	LJA71-3015DC-G	LJA74-3015DC	LJA81-3015DC	
	继电器触点输出		LJA71-3015DJ			LJA81-3015DJ	
电源电压				90…250VAC	90…250VAC	90…250VAC	90…250VAC
工作电流				300mA	300mA	300mA	300mA
工作频率				25Hz	25Hz	25Hz	25Hz
输出压降				<6.5V	<6.5V	<6.5V	<6.5V
泄漏电流 二线				≤1.6mA	≤1.6mA	≤1.6mA	≤1.6mA
埋入式	二线制	常开	LJA71M-2410GK	LJA71M-2410GK-G	LJA74M-2410GK	LJA81M-2410GK	
		常闭	LJA71M-2410GH	LJA71M-2410GH-G	LJA74M-2410GH	LJA81M-2410GH	
	AC\DC 20-250V	常开	LJA71M-4010GK	LJA71M-4010GK-G	LJA74M-4010GK	LJA81M-4010GK	
		常闭	LJA71M-4010GH	LJA71M-4010GH-G	LJA74M-4010GH	LJA81M-4010GH	
	继电器触点输出		LJA71M-2410GJ			LJA81M-2410GJ	
非埋入式	二线制	常开	LJA71-2415GK	LJA71-2415GK-G	LJA74-2415GK	LJA81-2415GK	
		常闭	LJA71-2415GH	LJA71-2415GH-G	LJA74-2415GH	LJA81-2415GH	
	AC\DC 20-250V	常开	LJA71-4015GK	LJA71-4015GK-G	LJA74-4015GK	LJA81-4015GK	
		常闭	LJA71-4015GH	LJA71-4015GH-G	LJA74-4015GH	LJA81-4015GH	
	继电器触点输出		LJA71-2415GJ			LJA81-2415GJ	
绝缘阻抗(Ω)				>20MΩ(DC500V)	>20MΩ(DC500V)	>20MΩ(DC500V)	-
击穿电压(直流型/交流型)				DC1500V/AC2000V	DC1500V/AC2000V	DC1500V/AC2000V	-
短路保护				Yes	Yes	Yes	Yes
环境工作温度				-25℃…70℃	-25℃…70℃	-25℃…70℃	-25℃…70℃
标准检测体(A3)				60×60×1t	60×60×1t	60×60×1t	60×60×1t
外壳材料				Chrome-plated brass	Chrome-plated brass	Chrome-plated brass	ABS
防护等级				IP66	IP65	IP66	IP66

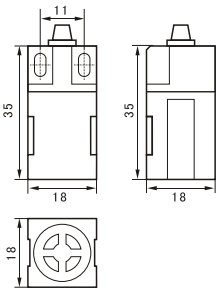
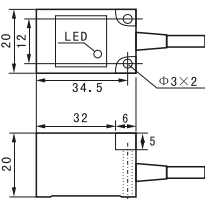
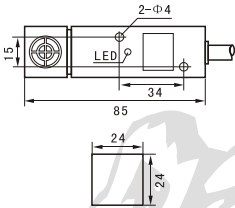
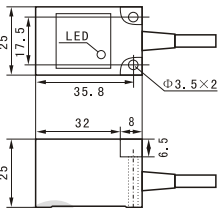


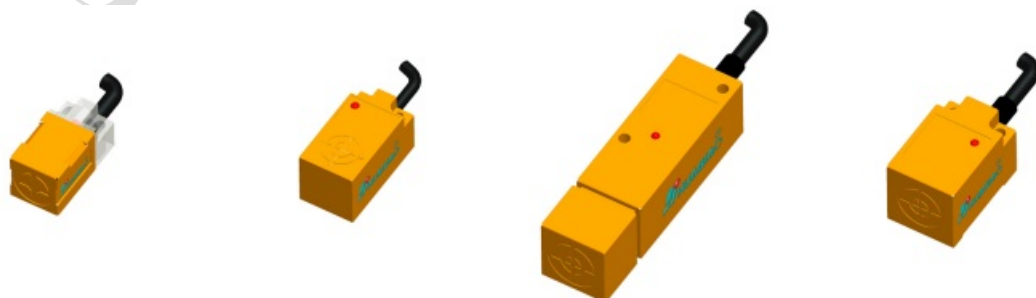
15mm/12mm 20mm/16mm	1mm/0.8mm 2mm/1.6mm	2mm/1.6mm 4mm/3.2mm	7mm/5.6mm 10mm/8mm	7mm/5.6mm 10mm/8mm
				
10...30VDC 50mA/200mA 50Hz/100Hz 6V/1.5V <0.4mA/0.05mA LJA91M-3015PK LJA91M-3015PH LJA91M-3015PT LJA91M-3015NK LJA91M-3015NH LJA91M-3015NT LJA91M-3015DK LJA91M-3015DH LJA91M-3015DC LJA91M-3015DJ LJA91-3020PK LJA91-3020PH LJA91-3020PT LJA91-3020NK LJA91-3020NH LJA91-3020NT LJA91-3020DK LJA91-3020DH LJA91-3020DC LJA91-3020DJ	10...30VDC 50mA/200mA 500Hz/1000Hz 6V/1.5V <0.4mA/0.05mA LJBO1M-3001PK LJBO1M-3001PH LJBO1M-3001DK LJBO1M-3001DH LJBO1-3002PK LJBO1-3002PH LJBO1-3002NK LJBO1-3002NH LJBO1-3002DK LJBO1-3002DH	10...30VDC 50mA/200mA 400Hz/800Hz 6V/1.5V <0.4mA/0.05mA LJB11M-3002PK LJB11M-3002PH LJB11M-3002PT LJB11M-3002NK LJB11M-3002NH LJB11M-3002NT LJB11M-3002DK LJB11M-3002DH LJB11-3004PK LJB11-3004PH LJB11-3004PT LJB11-3004NK LJB11-3004NH LJB11-3004NT LJB11-3004DK LJB11-3004DH	10...30VDC 50mA/200mA 100Hz/200Hz 6V/1.5V <0.4mA/0.05mA LJB21M-3007PK LJB21M-3007PH LJB21M-3007PT LJB21M-3007NK LJB21M-3007NH LJB21M-3007NT LJB21M-3007DK LJB21M-3007DH LJB21-3010PK LJB21-3010PH LJB21-3010PT LJB21-3010NK LJB21-3010NH LJB21-3010NT LJB21-3010DK LJB21-3010DH	10...30VDC 50mA/200mA 100Hz/200Hz 6V/1.5V <0.4mA/0.05mA LJB31M-3007PK LJB31M-3007PH LJB31M-3007PT LJB31M-3007NK LJB31M-3007NH LJB31M-3007NT LJB31M-3007DK LJB31M-3007DH LJB31-3010PK LJB31-3010PH LJB31-3010PT LJB31-3010NK LJB31-3010NH LJB31-3010NT LJB31-3010DK LJB31-3010DH
90...250VAC 300mA 20Hz <6.5V ≤1.6mA LJA91M-2415GK LJA91M-2415GH LJA91M-4015GK LJA91M-4015GH LJA91M-2415GJ LJA91-2420GK LJA91-2420GH LJA91-4020GK LJA91-4020GH LJA91-2420GJ		90...250VAC 300mA 25Hz <6.5V ≤1.6mA LJB11M-2402GK LJB11M-2402GH LJB11-2404GK LJB11-2404GH	90...250VAC 300mA 25Hz <6.5V ≤1.6mA LJB21M-2407GK LJB21M-2407GH LJB21M-4007GK LJB21M-4007GH LJB21-2410GK LJB21-2410GH LJB21-4010GK LJB21-4010GH	90...250VAC 300mA 25Hz <6.5V ≤1.6mA LJB31M-2407GK LJB31M-2407GH LJB31M-4007GK LJB31M-4007GH LJB31-2410GK LJB31-2410GH LJB31-4010GK LJB31-4010GH
- Yes -25°C...70°C 60×60×1t ABS IP66	>20MΩ (DC500V) DC1500V Yes -25°C...70°C 20×20×1t Chrome-plated brass IP66	>20MΩ (DC500V) DC1500V/AC2000V Yes -25°C...70°C 30×30×1t Chrome-plated brass IP66	- Yes -25°C...70°C 50×50×1t ABS IP66	>20MΩ (DC500V) DC1500V/AC2000V Yes -25°C...70°C 50×50×1t Chrome-plated brass IP66

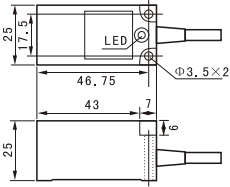
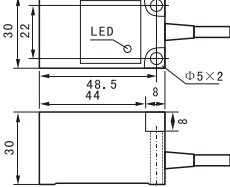
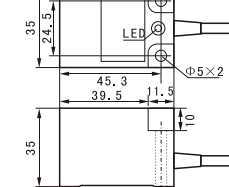
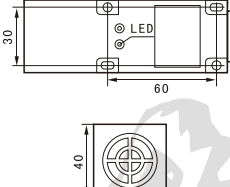
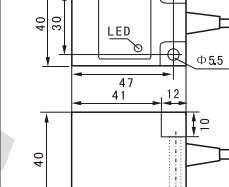


额定感应距离/ 实际工作距离			埋入式	10mm/8mm	10mm/8mm	15mm/12mm	15mm/12mm
			非埋入式	15mm/12mm	15mm/12mm	20mm/16mm	20mm/16mm
单位:mm							
 埋入式							
 非埋入式							
电源电压				10…30VDC	10…30VDC	10…30VDC	10…30VDC
工作电流 二线/三、四线				50mA/200mA	50mA/200mA	50mA/200mA	50mA/200mA
工作频率 二线/三、四线				100Hz/200Hz	100Hz/200Hz	50Hz/100Hz	40Hz/80Hz
输出压降 二线/三、四线				6V/1.5V	6V/1.5V	6V/1.5V	6V/1.5V
泄漏电流 二线/三、四线				<0.4mA/0.05mA	<0.4mA/0.05mA	<0.4mA/0.05mA	<0.4mA/0.05mA
埋入式	三/四线制 PNP	常开	LJB41M-3010PK	LJB41M-3010PK-A	LJB51M-3015PK	LJB61M-3015PK	
		常闭	LJB41M-3010PH	LJB41M-3010PH-A	LJB51M-3015PH	LJB61M-3015PH	
		开+闭	LJB41M-3010PT		LJB51M-3015PT	LJB61M-3015PT	
	三/四线制 NPN	常开	LJB41M-3010NK	LJB41M-3010NK-A	LJB51M-3015NK	LJB61M-3015NK	
		常闭	LJB41M-3010NH	LJB41M-3010NH-A	LJB51M-3015NH	LJB61M-3015NH	
		开+闭	LJB41M-3010NT		LJB51M-3015NT	LJB61M-3015NT	
	二线制	常开	LJB41M-3010DK	LJB41M-3010DK-A	LJB51M-3015DK	LJB61M-3015DK	
		常闭	LJB41M-3010DH	LJB41M-3010DH-A	LJB51M-3015DH	LJB61M-3015DH	
		开闭可选	LJB41M-3010DC	LJB41M-3010DC-A	LJB51M-3015DC	LJB61M-3015DC	
	继电器触点输出		LJB41M-3010DJ			LJB61M-3015DJ	
非埋入式	三/四线制 PNP	常开	LJB41-3015PK	LJB41-3015PK-A	LJB51-3020PK	LJB61-3020PK	
		常闭	LJB41-3015PH	LJB41-3015PH-A	LJB51-3020PH	LJB61-3020PH	
		开+闭	LJB41-3015PT		LJB51-3020PT	LJB61-3020PT	
	三/四线制 NPN	常开	LJB41-3015NK	LJB41-3015NK-A	LJB51-3020NK	LJB61-3020NK	
		常闭	LJB41-3015NH	LJB41-3015NH-A	LJB51-3020NH	LJB61-3020NH	
		开+闭	LJB41-3015NT		LJB51-3020NT	LJB61-3020NT	
	二线制	常开	LJB41-3015DK	LJB41-3015DK-A	LJB51-3020DK	LJB61-3020DK	
		常闭	LJB41-3015DH	LJB41-3015DH-A	LJB51-3020DH	LJB61-3020DH	
		开闭可选	LJB41-3015DC	LJB41-3015DC-A	LJB51-3020DC	LJB61-3020DC	
	继电器触点输出		LJB41-3015DJ			LJB61-3020DJ	
电源电压				90…250VAC	90…250VAC	90…250VAC	90…250VAC
工作电流				300mA	300mA	300mA	300mA
工作频率				25Hz	25Hz	20Hz	20Hz
输出压降				<6.5V	<6.5V	<6.5V	<6.5V
泄漏电流 二线				≤1.6mA	≤1.6mA	≤1.6mA	≤1.6mA
埋入式	二线制	常开	LJB41M-2410GK	LJB41M-2410GK-A	LJB51M-2415GK	LJB61M-2415GK	
		常闭	LJB41M-2410GH	LJB41M-2410GH-A	LJB51M-2415GH	LJB61M-2415GH	
		常开	LJB41M-4010GK	LJB41M-4010GK-A	LJB51M-4015GK	LJB61M-4015GK	
	AC\DC 20-250V	常闭	LJB41M-4010GH	LJB41M-4010GH-A	LJB51M-4015GH	LJB61M-4015GH	
		继电器触点输出		LJB41M-2410GJ			LJB61M-2415GJ
非埋入式	二线制	常开	LJB41-2415GK	LJB41-2415GK-A	LJB51-2420GK	LJB61-2420GK	
		常闭	LJB41-2415GH	LJB41-2415GH-A	LJB51-2420GH	LJB61-2420GH	
		常开	LJB41-4015GK	LJB41-4015GK-A	LJB51-4020GK	LJB61-4020GK	
	AC\DC 20-250V	常闭	LJB41-4015GH	LJB41-4015GH-A	LJB51-4020GH	LJB61-4020GH	
		继电器触点输出		LJB41-2415GJ			LJB61-2420GJ
绝缘阻抗(Ω)				-	-	-	>20MΩ(DC500V)
击穿电压(直流型/交流型)				-	-	-	DC1500V/AC2000V
短路保护				Yes	Yes	Yes	Yes
环境工作温度				-25℃…70℃	-25℃…70℃	-25℃…70℃	-25℃…70℃
标准检测体(A3)				60×60×1t	60×60×1t	60×60×1t	80×80×1t
外壳材料				ABS	ABS	ABS	Chrome-plated brass
防护等级				IP66	IP65	IP65	IP66



额定感应距离/ 实际工作距离		埋入式	5mm/4mm		3mm/2.4mm		5mm/4mm		5mm/4mm		8mm/6.4mm		5mm/4mm		
单位:mm															
埋入式															
非埋入式															
电源电压			10…30VDC		10…30VDC		10…30VDC		10…30VDC		10…30VDC			10…30VDC	
工作电流			二 线/三、 四线 50mA/200mA		50mA/200mA		50mA/200mA		50mA/200mA		50mA/200mA			50mA/200mA	
工作频率			二 线/三、 四线 250Hz/500Hz		250Hz/500Hz		250Hz/500Hz		200Hz/500Hz		200Hz/500Hz			200Hz/400Hz	
输出压降			二 线/三、 四线 6V/1.5V		6V/1.5V		6V/1.5V		6V/1.5V		6V/1.5V			6V/1.5V	
泄漏电流			二 线/三、 四线 <0.4mA/0.05mA		<0.4mA/0.05mA		<0.4mA/0.05mA		<0.4mA/0.05mA		<0.4mA/0.05mA			<0.4mA/0.05mA	
埋入式	三/四线制 PNP	常 开			LJC20M-3003PK		LJC24M-3005PK		LJC24M-3005PK		LJC24M-3005PK			LJC25-3005PK	
		常 闭			LJC20M-3003PH		LJC24M-3005PH		LJC24M-3005PH		LJC24M-3005PH			LJC25-3005PH	
		开 + 闭			LJC20M-3003PT		LJC24M-3005PT		LJC24M-3005PT		LJC24M-3005PT			LJC25-3005PT	
	三/四线制 NPN	常 开			LJC20M-3003NK		LJC24M-3005NK		LJC24M-3005NK		LJC24M-3005NK			LJC25-3005NK	
		常 闭			LJC20M-3003NH		LJC24M-3005NH		LJC24M-3005NH		LJC24M-3005NH			LJC25-3005NH	
		开 + 闭			LJC20M-3003NT		LJC24M-3005NT		LJC24M-3005NT		LJC24M-3005NT			LJC25-3005NT	
	二线制	常 开			LJC20M-3003DK		LJC24M-3005DK		LJC24M-3005DK		LJC24M-3005DK			LJC25-3005DK	
		常 闭			LJC20M-3003DH		LJC24M-3005DH		LJC24M-3005DH		LJC24M-3005DH			LJC25-3005DH	
		开闭可选			LJC20M-3003DC		LJC24M-3005DC		LJC24M-3005DC		LJC24M-3005DC				
	继电器触点输出														
非埋入式	三/四线制 PNP	常 开	LJC18T-3005PK		LJC20-3005PK		LJC24-3008PK		LJC24-3008PK		LJC25-3005PK				
		常 闭	LJC18T-3005PH		LJC20-3005PH		LJC24-3008PH		LJC24-3008PH		LJC25-3005PH				
		开 + 闭			LJC20-3005PT		LJC24-3008PT		LJC24-3008PT		LJC25-3005PT				
	三/四线制 NPN	常 开	LJC18T-3005NK		LJC20-3005NK		LJC24-3008NK		LJC24-3008NK		LJC25-3005NK				
		常 闭	LJC18T-3005NH		LJC20-3005NH		LJC24-3008NH		LJC24-3008NH		LJC25-3005NH				
		开 + 闭			LJC20-3005NT		LJC24-3008NT		LJC24-3008NT		LJC25-3005NT				
	二线制	常 开	LJC18T-3005DK		LJC20-3005DK		LJC24-3008DK		LJC24-3008DK		LJC25-3005DK				
		常 闭	LJC18T-3005DH		LJC20-3005DH		LJC24-3008DH		LJC24-3008DH		LJC25-3005DH				
		开闭可选			LJC20-3005DC		LJC24-3008DC		LJC24-3008DC						
	继电器触点输出														
电源电压									90…250VAC						
工作电流									300mA						
工作频率									25Hz						
输出压降									<6.5V						
泄漏电流			二 线						≤1.6mA						
埋入式	二线制	常 开							LJC24M-2405GK						
		常 闭							LJC24M-2405GH						
		常 开							LJC24M-4005GK						
	AC\DC 20-250V	常 闭							LJC24M-4005GH						
		继电器触点输出													
非埋入式	二线制	常 开							LJC24-2408GK						
		常 闭							LJC24-2408GH						
		常 开							LJC24-4008GK						
	AC\DC 20-250V	常 闭							LJC24-4008GH						
		继电器触点输出													
绝缘阻抗(Ω)			-		-		-		-		-			-	
击穿电压（直流型/交流型）			-		-		-		-		-			-	
短路保护			Yes		Yes		Yes		Yes		Yes			Yes	
环境工作温度			-25℃…70℃		-25℃…70℃		-25℃…70℃		-25℃…70℃		-25℃…70℃			-25℃…70℃	
标准检测体(A3)			30×30×1t		30×30×1t		40×40×1t		40×40×1t		40×40×1t			40×40×1t	
外壳材料			ABS		ABS		ABS		ABS		ABS			ABS	
防护等级			IP66		IP66		IP66		IP66		IP66			IP66	

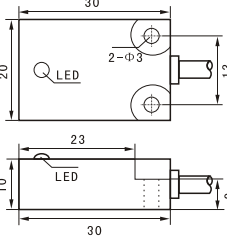
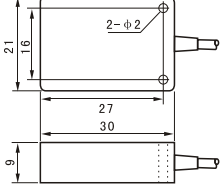
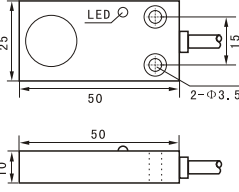
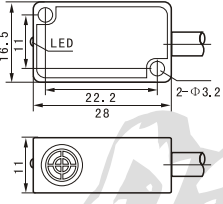
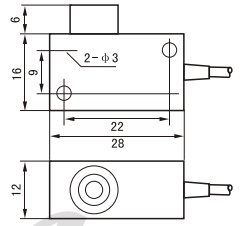


5mm/4mm	10mm/8mm 15mm/12mm	10mm/8mm 15mm/12mm	15mm/12mm 20mm/16mm	15mm/12mm 20mm/16mm
				
	10...30VDC 50mA/200mA 150Hz/300Hz 6V/1.5V <0.4mA/0.05mA LJC30M-3010PK LJC30M-3010PH LJC30M-3010PT LJC30M-3010NK LJC30M-3010NH LJC30M-3010NT LJC30M-3010DK LJC30M-3010DH LJC30M-3010DC	10...30VDC 50mA/200mA 250Hz/500Hz 6V/1.5V <0.4mA/0.05mA LJC35M-3010PK LJC35M-3010PH LJC35M-3010PT LJC35M-3010NK LJC35M-3010NH LJC35M-3010NT LJC35M-3010DK LJC35M-3010DH LJC35M-3010DC	10...30VDC 50mA/200mA 50Hz/100Hz 6V/1.5V <0.4mA/0.05mA LJC39M-3015PK LJC39M-3015PH LJC39M-3015PT LJC39M-3015NK LJC39M-3015NH LJC39M-3015NT LJC39M-3015DK LJC39M-3015DH LJC39M-3015DC LJC39M-3015DJ LJC39-3020PK LJC39-3020PH LJC39-3020PT LJC39-3020NK LJC39-3020NH LJC39-3020NT LJC39-3020DK LJC39-3020DH LJC39-3020DC LJC39-3020DJ	10...30VDC 50mA/200mA 75Hz/150Hz 6V/1.5V <0.4mA/0.05mA LJC40M-3015PK LJC40M-3015PH LJC40M-3015PT LJC40M-3015NK LJC40M-3015NH LJC40M-3015NT LJC40M-3015DK LJC40M-3015DH LJC40M-3015DC LJC40M-3015DJ LJC40-3020PK LJC40-3020PH LJC40-3020PT LJC40-3020NK LJC40-3020NH LJC40-3020NT LJC40-3020DK LJC40-3020DH LJC40-3020DC LJC40-3020DJ
90...250VAC 300mA 25Hz <6.5V ≤1.6mA	90...250VAC 300mA 25Hz <6.5V ≤1.6mA LJC30M-2410GK LJC30M-2410GH LJC30M-4010GK LJC30M-4010GH	90...250VAC 300mA 25Hz <6.5V ≤1.6mA LJC35M-2410GK LJC35M-2410GH LJC35M-4010GK LJC35M-4010GH	90...250VAC 300mA 20Hz <6.5V ≤1.6mA LJC39M-2415GK LJC39M-2415GH LJC39M-4015GK LJC39M-4015GH LJC39M-2415GJ LJC39-2420GK LJC39-2420GH LJC39-4020GK LJC39-4020GH LJC39-2420GJ	90...250VAC 300mA 20Hz <6.5V ≤1.6mA LJC40M-2415GK LJC40M-2415GH LJC40M-4015GK LJC40M-4015GH LJC40M-2415GJ LJC40-2420GK LJC40-2420GH LJC40-4020GK LJC40-4020GH LJC40-2420GJ
LJC26-2405GK LJC26-2405GH LJC26-4005GK LJC26-4005GH	LJC30-2415GK LJC30-2415GH LJC30-4015GK LJC30-4015GH	LJC35-2415GK LJC35-2415GH LJC35-4015GK LJC35-4015GH		
-	-	-	-	-
Yes	Yes	Yes	Yes	Yes
-25℃...70℃ 40×40×1t	-25℃...70℃ 60×60×1t	-25℃...70℃ 60×60×1t	-25℃...70℃ 60×60×1t	-25℃...70℃ 80×80×1t
ABS	ABS	ABS	ABS	ABS
IP66	IP66	IP66	IP65	IP66



额定感应距离/ 实际工作距离		埋入式	10mm/8mm	15mm/12mm	15mm/12mm	15mm/12mm	5mm/4mm	5mm/4mm	8mm/6.4mm
			15mm/12mm						
单位:mm									
埋入式 非埋入式									
电源电压			10…30VDC	10…30VDC	10…30VDC	10…30VDC	10…30VDC	10…30VDC	10…30VDC
工作电流			二线/三、四线	50mA/200mA	50mA/200mA	50mA/200mA	50mA/200mA	50mA/200mA	50mA/200mA
工作频率			二线/三、四线	100Hz/200Hz	50Hz/100Hz	200Hz/500Hz	200Hz/500Hz	200Hz/500Hz	200Hz/500Hz
输出压降			二线/三、四线	6V/1.5V	6V/1.5V	6V/1.5V	6V/1.5V	6V/1.5V	6V/1.5V
泄漏电流			二线/三、四线	<0.4mA/0.05mA	<0.4mA/0.05mA	<0.4mA/0.05mA	<0.4mA/0.05mA	<0.4mA/0.05mA	<0.4mA/0.05mA
埋入式	三/四线制 PNP	常开	LJC41M-3010PK	LJC44M-3015PK	LJC44M-3015PK	LJC44M-3015PK	LJC44M-3015PK	LJC44M-3015PK	LJD19M-3005PK
		常闭	LJC41M-3010PH	LJC44M-3015PH	LJC44M-3015PH	LJC44M-3015PH	LJC44M-3015PH	LJC44M-3015PH	LJD19M-3005PH
		开+闭	LJC41M-3010PT	LJC44M-3015PT	LJC44M-3015PT	LJC44M-3015PT	LJC44M-3015PT	LJC44M-3015PT	LJD19M-3005PT
	三/四线制 NPN	常开	LJC41M-3010NK	LJC44M-3015NK	LJC44M-3015NK	LJC44M-3015NK	LJC44M-3015NK	LJC44M-3015NK	LJD19M-3005NK
		常闭	LJC41M-3010NH	LJC44M-3015NH	LJC44M-3015NH	LJC44M-3015NH	LJC44M-3015NH	LJC44M-3015NH	LJD19M-3005NH
		开+闭	LJC41M-3010NT	LJC44M-3015NT	LJC44M-3015NT	LJC44M-3015NT	LJC44M-3015NT	LJC44M-3015NT	LJD19M-3005NT
	二线制	常开	LJC41M-3010DK	LJC44M-3015DK	LJC44M-3015DK	LJC44M-3015DK	LJC44M-3015DK	LJC44M-3015DK	LJD19M-3005DK
		常闭	LJC41M-3010DH	LJC44M-3015DH	LJC44M-3015DH	LJC44M-3015DH	LJC44M-3015DH	LJC44M-3015DH	LJD19M-3005DK
		开闭可选	LJC41M-3010DC	LJC44M-3015DC	LJC44M-3015DC	LJC44M-3015DC	LJC44M-3015DC	LJC44M-3015DC	LJD19M-3005DH
	继电器触点输出		LJC41M-3010DJ	LJC44M-3015DJ	LJC44M-3015DJ	LJC44M-3015DJ	LJC44M-3015DJ	LJC44M-3015DJ	
非埋入式	三/四线制 PNP	常开	LJC41-3015PK	LJC44-3020PK	LJC44-3020PK	LJC44-3020PK	LJC44-3020PK	LJC44-3020PK	LJD19-3008PK
		常闭	LJC41-3015PH	LJC44-3020PH	LJC44-3020PH	LJC44-3020PH	LJC44-3020PH	LJC44-3020PH	LJD19-3008PH
		开+闭	LJC41-3015PT	LJC44-3020PT	LJC44-3020PT	LJC44-3020PT	LJC44-3020PT	LJC44-3020PT	LJD19-3008PT
	三/四线制 NPN	常开	LJC41-3015NK	LJC44-3020NK	LJC44-3020NK	LJC44-3020NK	LJC44-3020NK	LJC44-3020NK	LJD19-3008NK
		常闭	LJC41-3015NH	LJC44-3020NH	LJC44-3020NH	LJC44-3020NH	LJC44-3020NH	LJC44-3020NH	LJD19-3008NH
		开+闭	LJC41-3015NT	LJC44-3020NT	LJC44-3020NT	LJC44-3020NT	LJC44-3020NT	LJC44-3020NT	LJD19-3008NT
	二线制	常开	LJC41-3015DK	LJC44-3020DK	LJC44-3020DK	LJC44-3020DK	LJC44-3020DK	LJC44-3020DK	LJD19-3008DK
		常闭	LJC41-3015DH	LJC44-3020DH	LJC44-3020DH	LJC44-3020DH	LJC44-3020DH	LJC44-3020DH	LJD19-3008DK
		开闭可选	LJC41-3015DC	LJC44-3020DC	LJC44-3020DC	LJC44-3020DC	LJC44-3020DC	LJC44-3020DC	LJD19-3008DH
	继电器触点输出		LJC41-3015DJ	LJC44-3020DJ	LJC44-3020DJ	LJC44-3020DJ	LJC44-3020DJ	LJC44-3020DJ	
电源电压			90…250VAC	90…250VAC	90…250VAC	90…250VAC	90…250VAC	90…250VAC	
工作电流			300mA	300mA	300mA	300mA	300mA	300mA	
工作频率			25Hz	20Hz	20Hz	20Hz	20Hz	20Hz	
输出压降			<6.5V	<6.5V	<6.5V	<6.5V	<6.5V	<6.5V	<6.5V
泄漏电流			二线	≤1.6mA	≤1.6mA	≤1.6mA	≤1.6mA	≤1.6mA	≤1.6mA
埋入式	二线制	常开	LJC41M-2410GK	LJC44M-2415GK	LJC44M-2415GK	LJC44M-2415GK	LJC44M-2415GK	LJC44M-2415GK	LJC44M-2415GK
		常闭	LJC41M-2410GH	LJC44M-2415GH	LJC44M-2415GH	LJC44M-2415GH	LJC44M-2415GH	LJC44M-2415GH	LJC44M-2415GH
	AC\DC 20-250V	常开	LJC41M-4010GK	LJC44M-4015GK	LJC44M-4015GK	LJC44M-4015GK	LJC44M-4015GK	LJC44M-4015GK	LJC44M-4015GK
		常闭	LJC41M-4010GH	LJC44M-4015GH	LJC44M-4015GH	LJC44M-4015GH	LJC44M-4015GH	LJC44M-4015GH	LJC44M-4015GH
	继电器触点输出		LJC41M-2410GJ	LJC44M-2415GJ	LJC44M-2415GJ	LJC44M-2415GJ	LJC44M-2415GJ	LJC44M-2415GJ	LJC44M-2415GJ
非埋入式	二线制	常开	LJC41-2415GK	LJC44-2420GK	LJC44-2420GK	LJC44-2420GK	LJC44-2420GK	LJC44-2420GK	LJC44-2420GK
		常闭	LJC41-2415GH	LJC44-2420GH	LJC44-2420GH	LJC44-2420GH	LJC44-2420GH	LJC44-2420GH	LJC44-2420GH
	AC\DC 20-250V	常开	LJC41-4015GK	LJC44-4020GK	LJC44-4020GK	LJC44-4020GK	LJC44-4020GK	LJC44-4020GK	LJC44-4020GK
		常闭	LJC41-4015GH	LJC44-4020GH	LJC44-4020GH	LJC44-4020GH	LJC44-4020GH	LJC44-4020GH	LJC44-4020GH
	继电器触点输出		LJC41-2415GJ	LJC44-2420GJ	LJC44-2420GJ	LJC44-2420GJ	LJC44-2420GJ	LJC44-2420GJ	LJC44-2420GJ
绝缘阻抗(Ω)			-	-	-	-	-	-	-
击穿电压(直流型/交流型)			-	-	-	-	-	-	-
短路保护			Yes	Yes	Yes	Yes	Yes	Yes	Yes
环境工作温度			-25℃…70℃	-25℃…70℃	-25℃…70℃	-25℃…70℃	-25℃…70℃	-25℃…70℃	-25℃…70℃
标准检测体(A3)			60×60×1t	60×60×1t	60×60×1t	60×60×1t	40×40×1t	40×40×1t	40×40×1t
外壳材料			ABS	ABS	ABS	ABS	ABS	ABS	ABS
防护等级			IP65	IP65	IP65	IP65	IP66	IP66	IP66

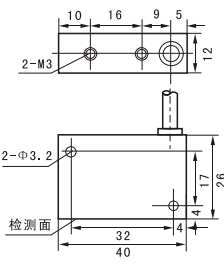
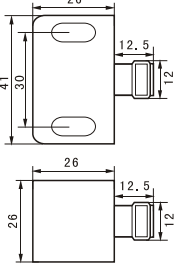
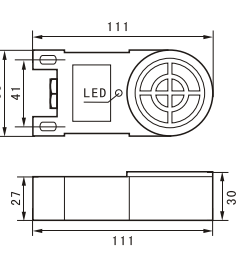
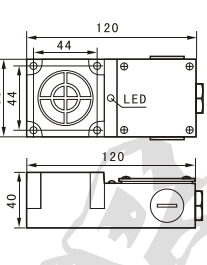
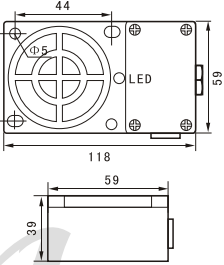


2mm/1.6mm 4mm/3.2mm	2mm/1.6mm 4mm/3.2mm	5mm/4mm 8mm/6.4mm	2mm/1.6mm 4mm/3.2mm	2mm/1.6mm 4mm/3.2mm
				
10...30VDC	10...30VDC	10...30VDC	10...30VDC	10...30VDC
50mA/200mA	50mA/200mA	50mA/200mA	50mA/200mA	50mA/200mA
400Hz/800Hz	400Hz/800Hz	200Hz/500Hz	400Hz/800Hz	400Hz/800Hz
6V/1.5V	6V/1.5V	6V/1.5V	6V/1.5V	6V/1.5V
<0.4mA/0.05mA	<0.4mA/0.05mA	<0.4mA/0.05mA	<0.4mA/0.05mA	<0.4mA/0.05mA
LJD20M-3002PK	LJD21M-3002PK	LJD26M-3005PK	LJD28M-3002PK	LJD28DM-3002PK
LJD20M-3002PH	LJD21M-3002PH	LJD26M-3005PH	LJD28M-3002PH	LJD28DM-3002PH
LJD20M-3002NK	LJD21M-3002NK	LJD26M-3005NK	LJD28M-3002NK	LJD28DM-3002NK
LJD20M-3002NH	LJD21M-3002NH	LJD26M-3005NH	LJD28M-3002NH	LJD28DM-3002NH
LJD20M-3002DK	LJD21M-3002DK	LJD26M-3005DK	LJD28M-3002DK	LJD28DM-3002DK
LJD20M-3002DH	LJD21M-3002DH	LJD26M-3005DH	LJD28M-3002DH	LJD28DM-3002DH
LJD20-3004PK	LJD21-3004PK	LJD26-3008PK	LJD28-3004PK	LJD28D-3004PK
LJD20-3004PH	LJD21-3004PH	LJD26-3008PH	LJD28-3004PH	LJD28D-3004PH
LJD20-3004NK	LJD21-3004NK	LJD26-3008NK	LJD28-3004NK	LJD28D-3004NK
LJD20-3004NH	LJD21-3004NH	LJD26-3008NH	LJD28-3004NH	LJD28D-3004NH
LJD20-3004DK	LJD21-3004DK	LJD26-3008DK	LJD28-3004DK	LJD28D-3004DK
LJD20-3004DH	LJD21-3004DH	LJD26-3008DH	LJD28-3004DH	LJD28D-3004DH
-	-	-	-	-
-	-	-	-	-
Yes	Yes	Yes	Yes	Yes
-25℃...70℃	-25℃...70℃	-25℃...70℃	-25℃...70℃	-25℃...70℃
30×30×1t	30×30×1t	40×40×1t	30×30×1t	30×30×1t
ABS	ABS	ABS	ABS	ABS
IP66	IP66	IP66	IP66	IP66



额定感应距离/ 实际工作距离		埋入式	5mm/4mm	2mm/1.6mm	5mm/4mm	7mm/5.6mm
		非埋入式	8mm/6.4mm	4mm/3.2mm	8mm/6.4mm	10mm/8mm
单位:mm						
埋入式 非埋入式						
电源电压		10…30VDC	10…30VDC	10…30VDC	10…30VDC	
工作电流		二线/三、四线	50mA/200mA	50mA/200mA	50mA/200mA	
工作频率		二线/三、四线	200Hz/500Hz	400Hz/800Hz	200Hz/500Hz	
输出压降		二线/三、四线	6V/1.5V	6V/1.5V	6V/1.5V	
泄漏电流		二线/三、四线	<0.4mA/0.05mA	<0.4mA/0.05mA	<0.4mA/0.05mA	
埋入式	三/四线制 PNP	常开	LJD30M-3005PK	LJD32M-3002PK	LJD34M-3005PK	LJD39M-3007PK-G
		常闭	LJD30M-3005PH	LJD32M-3002PH	LJD34M-3005PH	LJD39M-3007PH-G
		开+闭	LJD30M-3005PT		LJD34M-3005PT	LJD39M-3007PT-G
	三/四线制 NPN	常开	LJD30M-3005NK	LJD32M-3002NK	LJD34M-3005NK	LJD39M-3007NK-G
		常闭	LJD30M-3005NH	LJD32M-3002NH	LJD34M-3005NH	LJD39M-3007NH-G
		开+闭	LJD30M-3005NT		LJD34M-3005NT	LJD39M-3007NT-G
	二线制	常开	LJD30M-3005DK	LJD32M-3002DK	LJD34M-3005DK	LJD39M-3007DK-G
		常闭	LJD30M-3005DH	LJD32M-3002DH	LJD34M-3005DH	LJD39M-3007DH-G
	开闭可选					
	继电器触点输出					
非埋入式	三/四线制 PNP	常开	LJD30-3008PK	LJD32-3004PK	LJD34-3008PK	LJD39-3010PK-G
		常闭	LJD30-3008PH	LJD32-3004PH	LJD34-3008PH	LJD39-3010PH-G
		开+闭	LJD30-3008PT		LJD34-3008PT	LJD39-3010PT-G
	三/四线制 NPN	常开	LJD30-3008NK	LJD32-3004NK	LJD34-3008NK	LJD39-3010NK-G
		常闭	LJD30-3008NH	LJD32-3004NH	LJD34-3008NH	LJD39-3010NH-G
		开+闭	LJD30-3008NT		LJD34-3008NT	LJD39-3010NT-G
	二线制	常开	LJD30-3008DK	LJD32-3004DK	LJD34-3008DK	LJD39-3010DK-G
		常闭	LJD30-3008DH	LJD32-3004DH	LJD34-3008DH	LJD39-3010DH-G
	开闭可选					
	继电器触点输出					
电源电压					90…250VAC	
工作电流					300mA	
工作频率					25Hz	
输出压降					<6.5V	
泄漏电流		二线			≤1.6mA	
埋入式	二线制	常开				LJD39M-2407GK-G
		常闭				LJD39M-2407GH-G
	AC\DC 20-250V	常开				LJD39M-4007GK-G
		常闭				LJD39M-4007GH-G
继电器触点输出						
非埋入式	二线制	常开				LJD39-2410GK-G
		常闭				LJD39-2410GH-G
	AC\DC 20-250V	常开				LJD39-4010GK-G
		常闭				LJD39-4010GH-G
继电器触点输出						
绝缘阻抗(Ω)		-	-	-	-	
击穿电压(直流型/交流型)		-	-	-	-	
短路保护		Yes	Yes	Yes	Yes	
环境工作温度		-25℃…70℃	-25℃…70℃	-25℃…70℃	-25℃…70℃	
标准检测体(A3)		40×40×1t	30×30×1t	40×40×1t	50×50×1t	
外壳材料		ABS	ABS	ABS	ABS	
防护等级		IP66	IP66	IP66	IP65	

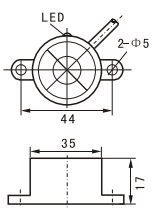
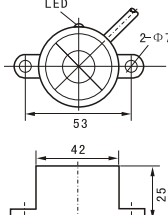
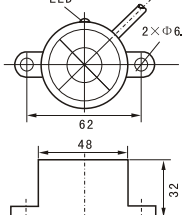
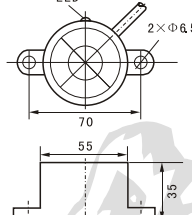
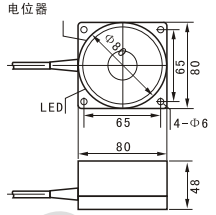


2mm/1.6mm 4mm/3.2mm	7mm/5.6mm 10mm/8mm	20mm/16mm 25mm/20mm	20mm/16mm 25mm/20mm	20mm/16mm 25mm/20mm
				
10...30VDC 50mA/200mA 400Hz/800Hz 6V/1.5V <0.4mA/0.05mA LJD40M-3002PK LJD40M-3002PH LJD40M-3002NK LJD40M-3002NH LJD40M-3002DK LJD40M-3002DH	10...30VDC 50mA/200mA 100Hz/200Hz 6V/1.5V <0.4mA/0.05mA LJD41M-3007PK-G LJD41M-3007PH-G LJD41M-3007PT-G LJD41M-3007NK-G LJD41M-3007NH-G LJD41M-3007NT-G LJD41M-3007DK-G LJD41M-3007DH-G	10...30VDC 50mA/200mA 40Hz/80Hz 6V/1.5V <0.4mA/0.05mA LJD53M-3020PK-A LJD53M-3020PH-A LJD53M-3020PT-A LJD53M-3020NK-A LJD53M-3020NH-A LJD53M-3020NT-A LJD53M-3020DK-A LJD53M-3020DH-A LJD53M-3020DC-A	10...30VDC 50mA/200mA 40Hz/80Hz 6V/1.5V <0.4mA/0.05mA LJD58M-3020PK-A LJD58M-3020PH-A LJD58M-3020PT-A LJD58M-3020NK-A LJD58M-3020NH-A LJD58M-3020NT-A LJD58M-3020DK-A LJD58M-3020DH-A LJD58M-3020DC-A	10...30VDC 50mA/200mA 40Hz/80Hz 6V/1.5V <0.4mA/0.05mA LJD59M-3020PK-A LJD59M-3020PH-A LJD59M-3020PT-A LJD59M-3020NK-A LJD59M-3020NH-A LJD59M-3020NT-A LJD59M-3020DK-A LJD59M-3020DH-A LJD59M-3020DC-A
LJD40-3004PK LJD40-3004PH LJD40-3004NK LJD40-3004NH LJD40-3004DK LJD40-3004DH	LJD41-3010PK-G LJD41-3010PH-G LJD41-3010PT-G LJD41-3010NK-G LJD41-3010NH-G LJD41-3010NT-G LJD41-3010DK-G LJD41-3010DH-G	LJD53-3025PK-A LJD53-3025PH-A LJD53-3025PT-A LJD53-3025NK-A LJD53-3025NH-A LJD53-3025NT-A LJD53-3025DK-A LJD53-3025DH-A LJD53-3025DC-A	LJD58-3025PK-A LJD58-3025PH-A LJD58-3025PT-A LJD58-3025NK-A LJD58-3025NH-A LJD58-3025NT-A LJD58-3025DK-A LJD58-3025DH-A LJD58-3025DC-A	LJD59-3025PK-A LJD59-3025PH-A LJD59-3025PT-A LJD59-3025NK-A LJD59-3025NH-A LJD59-3025NT-A LJD59-3025DK-A LJD59-3025DH-A LJD59-3025DC-A
	90...250VAC 300mA 25Hz <6.5V ≤1.6mA LJD41M-2407GK-G LJD41M-2407GH-G LJD41M-4007GK-G LJD41M-4007GH-G LJD41-2410GK-G LJD41-2410GH-G LJD41-4010GK-G LJD41-4010GH-G	90...250VAC 300mA 15Hz <6.5V ≤1.6mA LJD53M-2420GK-A LJD53M-2420GH-A LJD53M-4020GK-A LJD53M-4020GH-A LJD53-2425GK-A LJD53-2425GH-A LJD53-4025GK-A LJD53-4025GH-A	90...250VAC 300mA 15Hz <6.5V ≤1.6mA LJD58M-2420GK-A LJD58M-2420GH-A LJD58M-4020GK-A LJD58M-4020GH-A LJD58-2425GK-A LJD58-2425GH-A LJD58-4025GK-A LJD58-4025GH-A	90...250VAC 300mA 15Hz <6.5V ≤1.6mA LJD59M-2420GK-A LJD59M-2420GH-A LJD59M-4020GK-A LJD59M-4020GH-A LJD59-2425GK-A LJD59-2425GH-A LJD59-4025GK-A LJD59-4025GH-A
- Yes -25℃...70℃ 30×30×1t ABS IP66	- Yes -25℃...70℃ 50×50×1t ABS IP65	- Yes -25℃...70℃ 100×100×1t ABS IP65	- Yes -25℃...70℃ 100×100×1t ABS IP65	- Yes -25℃...70℃ 150×150×1t ABS IP65

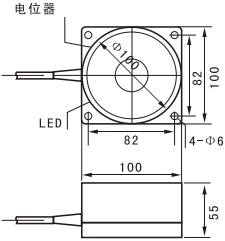
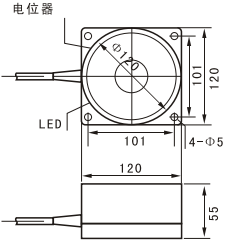
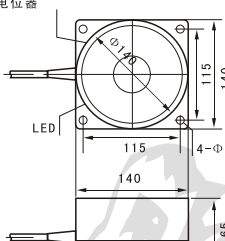
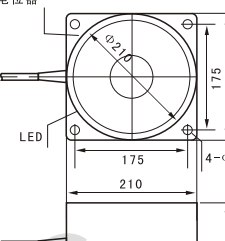


额定感应距离/ 实际工作距离		埋入式	40mm（可调）		40mm（可调）		40mm（可调）		7mm/5.6mm 10mm/8mm	
		非埋入式								
单位:mm										
埋入式 非埋入式										
电源电压			10…30VDC		10…30VDC		10…30VDC		10…30VDC	
工作电流			二线/三、四线 50mA/200mA		二线/三、四线 50mA/200mA		二线/三、四线 50mA/200mA		二线/三、四线 50mA/200mA	
工作频率			二线/三、四线 20Hz/40Hz		二线/三、四线 20Hz/40Hz		二线/三、四线 20Hz/40Hz		二线/三、四线 100Hz/200Hz	
输出压降			二线/三、四线 6V/1.5V		二线/三、四线 6V/1.5V		二线/三、四线 6V/1.5V		二线/三、四线 6V/1.5V	
泄漏电流			二线/三、四线 <0.4mA/0.05mA		二线/三、四线 <0.4mA/0.05mA		二线/三、四线 <0.4mA/0.05mA		二线/三、四线 <0.4mA/0.05mA	
埋入式	三/四线制 PNP	常开							LJE25M-3007PK	
		常闭							LJE25M-3007PH	
		开+闭								
	三/四线制 NPN	常开							LJE25M-3007NK	
		常闭							LJE25M-3007NH	
		开+闭								
非埋入式	三/四线制 PNP	常开	LJD79-3040PK		LJD80-3040PK		LJD84-3040PK-A		LJE25-3010PK	
		常闭	LJD79-3040PH		LJD80-3040PH		LJD84-3040PH-A		LJE25-3010PH	
		开+闭	LJD79-3040PT		LJD80-3040PT		LJD84-3040PT-A			
	三/四线制 NPN	常开	LJD79-3040NK		LJD80-3040NK		LJD84-3040NK-A		LJE25-3010NK	
		常闭	LJD79-3040NH		LJD80-3040NH		LJD84-3040NH-A		LJE25-3010NH	
		开+闭	LJD79-3040NT		LJD80-3040NT		LJD84-3040NT-A			
继电器触点输出	二线制	常开	LJD79-3040DK		LJD80-3040DK		LJD84-3040DK-A		LJE25-3010DK	
		常闭	LJD79-3040DH		LJD80-3040DH		LJD84-3040DH-A		LJE25-3010DH	
		开闭可选	LJD79-3040DC		LJD80-3040DC		LJD84-3040DC-A			
	继电器触点输出		LJD79-3040DJ		LJD80-3040DJ		LJD84-3040DJ-A			
电源电压			90…250VAC		90…250VAC		90…250VAC			
工作电流			300mA		300mA		300mA			
工作频率			15Hz		15Hz		15Hz			
输出压降			<6.5V		<6.5V		<6.5V			
泄漏电流			二线 ≤1.6mA		二线 ≤1.6mA		二线 ≤1.6mA			
埋入式	二线制	常开								
		常闭								
	AC\DC 20-250V	常开								
		常闭								
继电器触点输出										
非埋入式	二线制	常开	LJD79-2440GK		LJD80-2440GK		LJD84-2440GK-A			
		常闭	LJD79-2440GH		LJD80-2440GH		LJD84-2440GH-A			
	AC\DC 20-250V	常开	LJD79-4040GK		LJD80-4040GK		LJD84-4040GK-A			
		常闭	LJD79-4040GH		LJD80-4040GH		LJD84-4040GH-A			
继电器触点输出			LJD79-2440GJ		LJD80-2440GJ		LJD84-2440GJ-A			
绝缘阻抗(Ω)			-		-		-		-	
击穿电压（直流型/交流型）			-		-		-		-	
短路保护			Yes		Yes		Yes		Yes	
环境工作温度			-25℃…70℃		-25℃…70℃		-25℃…70℃		-25℃…70℃	
标准检测体(A3)			150×150×1t		150×150×1t		150×150×1t		40×40×1t	
外壳材料			ABS		ABS		ABS		ABS	
防护等级			IP66		IP66		IP65		IP66	



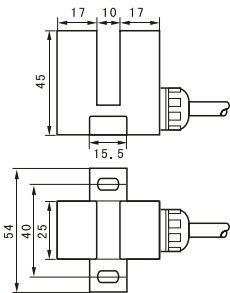
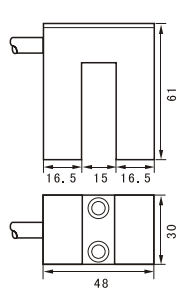
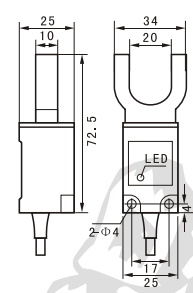
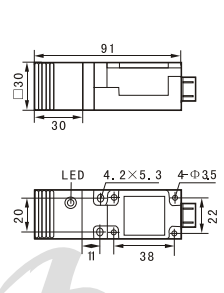
10mm/8mm 15mm/12mm	15mm/12mm 20mm/16mm	15mm/12mm 20mm/16mm	20mm/16mm 25mm/20mm	50mm (可调)
				
10...30VDC	10...30VDC	10...30VDC	10...30VDC	10...30VDC
50mA/200mA	50mA/200mA	50mA/200mA	50mA/200mA	50mA/200mA
100Hz/200Hz	50Hz/100Hz	50Hz/100Hz	40Hz/80Hz	20Hz/40Hz
6V/1.5V	6V/1.5V	6V/1.5V	6V/1.5V	6V/1.5V
<0.4mA/0.05mA	<0.4mA/0.05mA	<0.4mA/0.05mA	<0.4mA/0.05mA	<0.4mA/0.05mA
LJE35M-3010PK	LJE42M-3015PK	LJE48M-3015PK	LJE55M-3020PK	
LJE35M-3010PH	LJE42M-3015PH	LJE48M-3015PH	LJE55M-3020PH	
	LJE42M-3015PT	LJE48M-3015PT	LJE55M-3020PT	
LJE35M-3010NK	LJE42M-3015NK	LJE48M-3015NK	LJE55M-3020NK	
LJE35M-3010NH	LJE42M-3015NH	LJE48M-3015NH	LJE55M-3020NH	
	LJE42M-3015NT	LJE48M-3015NT	LJE55M-3020NT	
LJE35M-3010DK	LJE42M-3015DK	LJE48M-3015DK	LJE55M-3020DK	
LJE35M-3010DH	LJE42M-3015DH	LJE48M-3015DH	LJE55M-3020DH	
	LJE42M-3015DC	LJE48M-3015DC	LJE55M-3020DC	
LJE35-3015PK	LJE42-3020PK	LJE48-3020PK	LJE55-3025PK	LJE80-3050PK
LJE35-3015PH	LJE42-3020PH	LJE48-3020PH	LJE55-3025PH	LJE80-3050PH
	LJE42-3020PT	LJE48-3020PT	LJE55-3025PT	LJE80-3050PT
LJE35-3015NK	LJE42-3020NK	LJE48-3020NK	LJE55-3025NK	LJE80-3050NK
LJE35-3015NH	LJE42-3020NH	LJE48-3020NH	LJE55-3025NH	LJE80-3050NH
	LJE42-3020NT	LJE48-3020NT	LJE55-3025NT	LJE80-3050NT
LJE35-3015DK	LJE42-3020DK	LJE48-3020DK	LJE55-3025DK	LJE80-3050DK
LJE35-3015DH	LJE42-3020DH	LJE48-3020DH	LJE55-3025DH	LJE80-3050DH
	LJE42-3020DC	LJE48-3020DC	LJE55-3025DC	LJE80-3050DC
				LJE80-3050DJ
	90...250VAC	90...250VAC	90...250VAC	90...250VAC
	300mA	300mA	300mA	300mA
	20Hz	20Hz	15Hz	10Hz
	<6.5V	<6.5V	<6.5V	<6.5V
	≤1.6mA	≤1.6mA	≤1.6mA	≤1.6mA
	LJE42M-2415GK	LJE48M-2415GK	LJE55M-2420GK	
	LJE42M-2415GH	LJE48M-2415GH	LJE55M-2420GH	
		LJE48M-4015GK	LJE55M-4020GK	
		LJE48M-4015GH	LJE55M-4020GH	
	LJE42-2420GK	LJE48-2420GK	LJE55-2425GK	LJE80-2450GK
	LJE42-2420GH	LJE48-2420GH	LJE55-2425GH	LJE80-2450GH
		LJE48-4020GK	LJE55-4025GK	LJE80-4050GK
		LJE48-4020GH	LJE55-4025GH	LJE80-4050GH
				LJE80-2450GJ
-	-	-	-	-
-	-	-	-	-
Yes	Yes	Yes	Yes	Yes
-25℃...70℃	-25℃...70℃	-25℃...70℃	-25℃...70℃	-25℃...70℃
50×50×1t	60×60×1t	60×60×1t	80×80×1t	150×150×1t
ABS	ABS	ABS	ABS	ABS/FRP
IP66	IP66	IP66	IP66	IP65



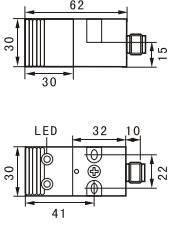
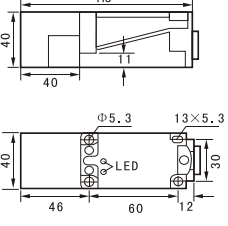
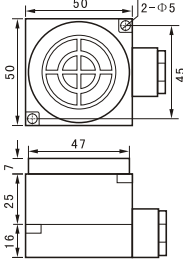
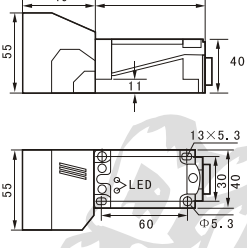
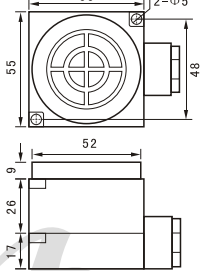
额定感应距离/ 实际工作距离		埋入式	60mm（可调）		70mm（可调）		80mm（可调）		120mm（可调）	
单位:mm										
埋入式										
非埋入式										
电源电压			10…30VDC		10…30VDC		10…30VDC		10…30VDC	
工作电流 二线/三、四线			50mA/200mA		50mA/200mA		50mA/200mA		50mA/200mA	
工作频率 二线/三、四线			10Hz/20Hz		5Hz/15Hz		5Hz/15Hz		5Hz/10Hz	
输出压降 二线/三、四线			6V/1.5V		6V/1.5V		6V/1.5V		6V/1.5V	
泄漏电流 二线/三、四线			<0.4mA/0.05mA		<0.4mA/0.05mA		<0.4mA/0.05mA		<0.4mA/0.05mA	
埋入式	三/四线制 PNP	常开								
		常闭								
		开+闭								
	三/四线制 NPN	常开								
		常闭								
		开+闭								
二线制	常开									
	常闭									
	开闭可选									
继电器触点输出										
非埋入式	三/四线制 PNP	常开	LJE100-3060PK		LJE120-3070PK		LJE140-3080PK		LJE210-30120PK	
		常闭	LJE100-3060PH		LJE120-3070PH		LJE140-3080PH		LJE210-30120PH	
		开+闭	LJE100-3060PT		LJE120-3070PT		LJE140-3080PT		LJE210-30120PT	
	三/四线制 NPN	常开	LJE100-3060NK		LJE120-3070NK		LJE140-3080NK		LJE210-30120NK	
		常闭	LJE100-3060NH		LJE120-3070NH		LJE140-3080NH		LJE210-30120NH	
		开+闭	LJE100-3060NT		LJE120-3070NT		LJE140-3080NT		LJE210-30120NT	
	二线制	常开	LJE100-3060DK		LJE120-3070DK		LJE140-3080DK		LJE210-30120DK	
		常闭	LJE100-3060DH		LJE120-3070DH		LJE140-3080DH		LJE210-30120DH	
		开闭可选	LJE100-3060DC		LJE120-3070DC		LJE140-3080DC		LJE210-30120DC	
	继电器触点输出			LJE100-3060DJ		LJE120-3070DJ		LJE140-3080DJ		LJE210-30120DJ
电源电压			90…250VAC		90…250VAC		90…250VAC		90…250VAC	
工作电流			300mA		300mA		300mA		300mA	
工作频率			5Hz		5Hz		5Hz		5Hz	
输出压降			<6.5V		<6.5V		<6.5V		<6.5V	
泄漏电流 二线			≤1.6mA		≤1.6mA		≤1.6mA		≤1.6mA	
埋入式	二线制	常开								
		常闭								
	AC\DC 20-250V	常开								
		常闭								
继电器触点输出										
非埋入式	二线制	常开	LJE100-2460GK		LJE120-2470GK		LJE140-2480GK		LJE210-24120GK	
		常闭	LJE100-2460GH		LJE120-2470GH		LJE140-2480GH		LJE210-24120GH	
	AC\DC 20-250V	常开	LJE100-4060GK		LJE120-4070GK		LJE140-4080GK		LJE210-40120GK	
		常闭	LJE100-4060GH		LJE120-4070GH		LJE140-4080GH		LJE210-40120GH	
	继电器触点输出			LJE100-2460GJ		LJE120-2470GJ		LJE140-2480GJ		LJE210-24120GJ
绝缘阻抗(Ω)			-		-		-		-	
击穿电压（直流型/交流型）			-		-		-		-	
短路保护			Yes		Yes		Yes		Yes	
环境工作温度			-25℃…70℃		-25℃…70℃		-25℃…70℃		-25℃…70℃	
标准检测体(A3)			200×200×1t		240×240×1t		280×280×1t		400×400×1t	
外壳材料			ABS/FRP		ABS/FRP		FRP		FRP	
防护等级			IP65		IP65		IP65		IP65	



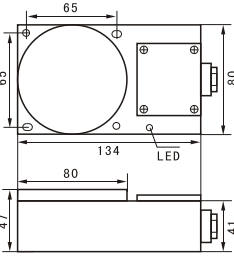
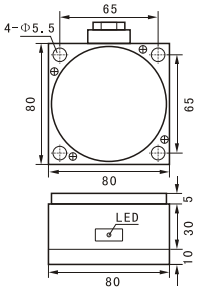
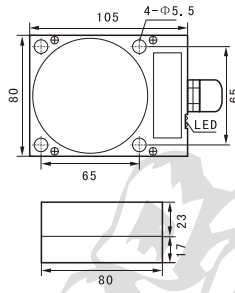
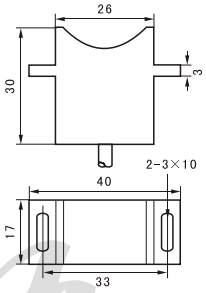


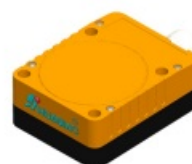
额定感应距离/ 实际工作距离		埋入式		10mm	15mm	20mm	10mm/8mm 15mm/12mm
		非埋入式					
单位:mm							
		 					
电源电压				10…30VDC	10…30VDC	10…30VDC	10…30VDC
工作电流 二线/三、四线				50mA/200mA	50mA/200mA	50mA/200mA	50mA/200mA
工作频率 二线/三、四线				50Hz/100Hz	50Hz/100Hz	200Hz/500Hz	100Hz/200Hz
输出压降 二线/三、四线				6V/1.5V	6V/1.5V	6V/1.5V	6V/1.5V
泄漏电流 二线/三、四线				<0.4mA/0.05mA	<0.4mA/0.05mA	<0.4mA/0.05mA	<0.4mA/0.05mA
埋入式	三/四线制 PNP	常开					LJG30M-3010PK-A
		常闭					LJG30M-3010PH-A
		开+闭					LJG30M-3010PT-A
	三/四线制 NPN	常开					LJG30M-3010NK-A
		常闭					LJG30M-3010NH-A
		开+闭					LJG30M-3010NT-A
二线制	常开					LJG30M-3010DK-A	
	常闭					LJG30M-3010DH-A	
	开闭可选						
继电器触点输出							
非埋入式	三/四线制 PNP	常开		LJF12-3010PK	LJF15-3015PK	LJF20-3020PK	LJG30-3015PK-A
		常闭		LJF12-3010PH	LJF15-3015PH	LJF20-3020PH	LJG30-3015PH-A
		开+闭		LJF12-3010PT	LJF15-3015PT	LJF20-3020PT	LJG30-3015PT-A
	三/四线制 NPN	常开		LJF12-3010NK	LJF15-3015NK	LJF20-3020NK	LJG30-3015NK-A
		常闭		LJF12-3010NH	LJF15-3015NH	LJF20-3020NH	LJG30-3015NH-A
		开+闭		LJF12-3010NT	LJF15-3015NT	LJF20-3020NT	LJG30-3015NT-A
	二线制	常开		LJF12-3010DK	LJF15-3015DK	LJF20-3020DK	LJG30-3015DK-A
		常闭		LJF12-3010DH	LJF15-3015DH	LJF20-3020DH	LJG30-3015DH-A
		开闭可选					
	继电器触点输出						
电源电压				90…250VAC	90…250VAC	90…250VAC	90…250VAC
工作电流				300mA	300mA	300mA	300mA
工作频率				15Hz	15Hz	25Hz	20Hz
输出压降				<6.5V	<6.5V	<6.5V	<6.5V
泄漏电流 二线				≤1.6mA	≤1.6mA	≤1.6mA	≤1.6mA
埋入式	二线制	常开					LJG30M-2410GK-A
		常闭					LJG30M-2410GH-A
	AC\DC 20-250V	常开					LJG30M-4010GK-A
		常闭					LJG30M-4010GH-A
继电器触点输出							
非埋入式	二线制	常开		LJF12-2410GK	LJF15-2415GK	LJF20-2420GK	LJG30-2415GK-A
		常闭		LJF12-2410GH	LJF15-2415GH	LJF20-2420GH	LJG30-2415GH-A
	AC\DC 20-250V	常开		LJF12-4010GK	LJF15-4015GK		LJG30-4015GK-A
		常闭		LJF12-4010GH	LJF15-4015GH		LJG30-4015GH-A
继电器触点输出							
绝缘阻抗(Ω)				-	-	-	-
击穿电压(直流型/交流型)				-	-	-	-
短路保护				Yes	Yes	Yes	Yes
环境工作温度				-25℃…70℃	-25℃…70℃	-25℃…70℃	-25℃…70℃
标准检测体(A3)				40×40×1t	40×40×1t	40×40×1t	60×60×1t
外壳材料				ABS	ABS	ABS	ABS
防护等级				IP66	IP66	IP66	IP65

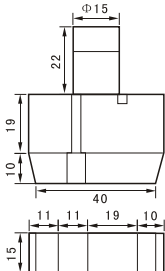
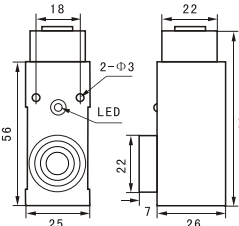
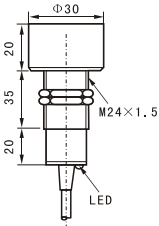
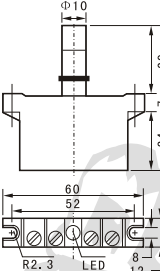
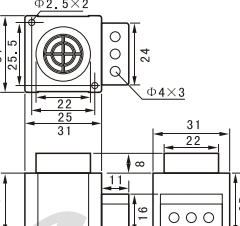


10mm/8mm 15mm/12mm	15mm/12mm 20mm/16mm	15mm/12mm 20mm/16mm	20mm/16mm 25mm/20mm	20mm/16mm 25mm/20mm
				
10...30VDC 50mA/200mA 100Hz/200Hz 6V/1.5V <0.4mA/0.05mA LJG31M-3010PK-G LJG31M-3010PH-G LJG31M-3010NK-G LJG31M-3010NH-G LJG31M-3010DK-G LJG31M-3010DH-G LJG31-3015PK-G LJG31-3015PH-G LJG31-3015NK-G LJG31-3015NH-G LJG31-3015DK-G LJG31-3015DH-G	10...30VDC 50mA/200mA 50Hz/100Hz 6V/1.5V <0.4mA/0.05mA LJG41M-3015PK-A LJG41M-3015PH-A LJG41M-3015PT-A LJG41M-3015NK-A LJG41M-3015NH-A LJG41M-3015NT-A LJG41M-3015DK-A LJG41M-3015DH-A LJG41M-3015DC-A LJG41-3020PK-A LJG41-3020PH-A LJG41-3020PT-A LJG41-3020NK-A LJG41-3020NH-A LJG41-3020NT-A LJG41-3020DK-A LJG41-3020DH-A LJG41-3020DC-A	10...30VDC 50mA/200mA 50Hz/100Hz 6V/1.5V <0.4mA/0.05mA LJG50M-3015PK-A LJG50M-3015PH-A LJG50M-3015NK-A LJG50M-3015NH-A LJG50M-3015DK-A LJG50M-3015DH-A LJG50-3020PK-A LJG50-3020PH-A LJG50-3020NK-A LJG50-3020NH-A LJG50-3020DK-A LJG50-3020DH-A	10...30VDC 50mA/200mA 40Hz/80Hz 6V/1.5V <0.4mA/0.05mA LJG54M-3020PK-A LJG54M-3020PH-A LJG54M-3020PT-A LJG54M-3020NK-A LJG54M-3020NH-A LJG54M-3020NT-A LJG54M-3020DK-A LJG54M-3020DH-A LJG54M-3020DC-A LJG54-3025PK-A LJG54-3025PH-A LJG54-3025PT-A LJG54-3025NK-A LJG54-3025NH-A LJG54-3025NT-A LJG54-3025DK-A LJG54-3025DH-A LJG54-3025DC-A	10...30VDC 50mA/200mA 40Hz/80Hz 6V/1.5V <0.4mA/0.05mA LJG55M-3020PK-A LJG55M-3020PH-A LJG55M-3020NK-A LJG55M-3020NH-A LJG55M-3020DK-A LJG55M-3020DH-A LJG55-3025PK-A LJG55-3025PH-A LJG55-3025NK-A LJG55-3025NH-A LJG55-3025DK-A LJG55-3025DH-A
	90...250VAC 300mA 20Hz <6.5V ≤1.6mA LJG41M-2415GK-A LJG41M-2415GH-A LJG41M-4015GK-A LJG41M-4015GH-A LJG41-2420GK-A LJG41-2420GH-A LJG41-4020GK-A LJG41-4020GH-A	90...250VAC 300mA 20Hz <6.5V ≤1.6mA LJG50M-2415GK-A LJG50M-2415GH-A LJG50M-4015GK-A LJG50M-4015GH-A LJG50-2420GK-A LJG50-2420GH-A LJG50-4020GK-A LJG50-4020GH-A	90...250VAC 300mA 20Hz <6.5V ≤1.6mA LJG54M-2420GK-A LJG54M-2420GH-A LJG54M-4020GK-A LJG54M-4020GH-A LJG54-2425GK-A LJG54-2425GH-A LJG54-4025GK-A LJG54-4025GH-A	90...250VAC 300mA 15Hz <6.5V ≤1.6mA LJG55M-2420GK-A LJG55M-2420GH-A LJG55M-4020GK-A LJG55M-4020GH-A LJG55-2425GK-A LJG55-2425GH-A LJG55-4025GK-A LJG55-4025GH-A
>20MΩ (DC500V) DC1500V/AC2000V Yes -25℃...70℃ 60×60×1t ABS IP66	- - Yes -25℃...70℃ 80×80×1t ABS IP65	- - Yes -25℃...70℃ 80×80×1t ABS IP65	- - Yes -25℃...70℃ 100×100×1t ABS IP65	- - Yes -25℃...70℃ 100×100×1t ABS IP65

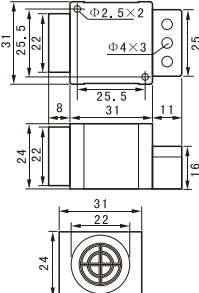
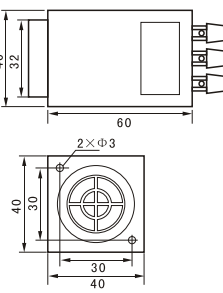
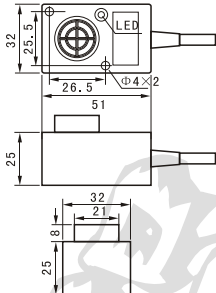
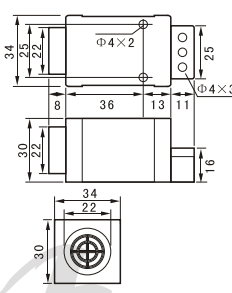


额定感应距离/ 实际工作距离		埋入式	40mm（可调）		40mm（可调）		40mm（可调）		3mm/2.4mm	
单位:mm										
电源电压			10…30VDC		10…30VDC		10…30VDC		10…30VDC	
工作电流			二线/三、四线		50mA/200mA		50mA/200mA		50mA/200mA	
工作频率			二线/三、四线		25Hz/50Hz		25Hz/50Hz		400Hz/800Hz	
输出压降			二线/三、四线		6V/1.5V		6V/1.5V		6V/1.5V	
泄漏电流			二线/三、四线		<0.4mA/0.05mA		<0.4mA/0.05mA		<0.4mA/0.05mA	
埋入式	三/四线制 PNP	常开								
		常闭								
		开+闭								
	三/四线制 NPN	常开								
		常闭								
		开+闭								
二线制	常开									
	常闭									
	开闭可选									
继电器触点输出										
非埋入式	三/四线制 PNP	常开	LJG79-3040PK-A		LJG80-3040PK-A		LJG81-3040PK-A		LJH17-3003PK	
		常闭	LJG79-3040PH-A		LJG80-3040PH-A		LJG81-3040PH-A		LJH17-3003PH	
		开+闭	LJG79-3040PT-A		LJG80-3040PT-A		LJG81-3040PT-A			
	三/四线制 NPN	常开	LJG79-3040NK-A		LJG80-3040NK-A		LJG81-3040NK-A		LJH17-3003NK	
		常闭	LJG79-3040NH-A		LJG80-3040NH-A		LJG81-3040NH-A		LJH17-3003NH	
		开+闭	LJG79-3040NT-A		LJG80-3040NT-A		LJG81-3040NT-A			
	二线制	常开	LJG79-3040DK-A		LJG80-3040DK-A		LJG81-3040DK-A		LJH17-3003DK	
		常闭	LJG79-3040DH-A		LJG80-3040DH-A		LJG81-3040DH-A		LJH17-3003DH	
		开闭可选	LJG79-3040DC-A		LJG80-3040DC-A		LJG81-3040DC-A			
	继电器触点输出									
电源电压			90…250VAC		90…250VAC		90…250VAC			
工作电流			300mA		300mA		300mA			
工作频率			10Hz		10Hz		10Hz			
输出压降			<6.5V		<6.5V		<6.5V			
泄漏电流			≤1.6mA		≤1.6mA		≤1.6mA			
埋入式	二线制	常开								
		常闭								
	AC\DC 20-250V	常开								
		常闭								
继电器触点输出										
非埋入式	二线制	常开	LJG79-2440GK-A		LJG80-2440GK-A		LJG81-2440GK-A			
		常闭	LJG79-2440GH-A		LJG80-2440GH-A		LJG81-2440GH-A			
	AC\DC 20-250V	常开	LJG79-4040GK-A		LJG80-4040GK-A		LJG81-4040GK-A			
		常闭	LJG79-4040GH-A		LJG80-4040GH-A		LJG81-4040GH-A			
继电器触点输出										
绝缘阻抗(Ω)			-		-		-		-	
击穿电压（直流型/交流型）			-		-		-		-	
短路保护			Yes		Yes		Yes		Yes	
环境工作温度			-25℃…70℃		-25℃…70℃		-25℃…70℃		-25℃…70℃	
标准检测体(A3)			150×150×1t		150×150×1t		150×150×1t		-	
外壳材料			ABS		ABS		ABS		ABS	
防护等级			IP65		IP65		IP65		IP66	

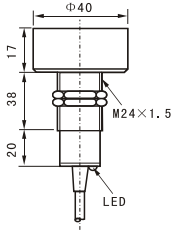
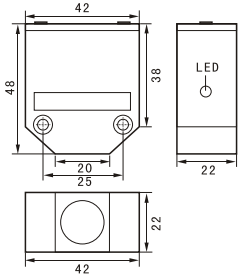
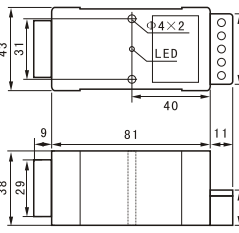
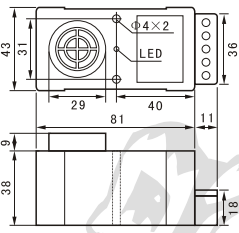
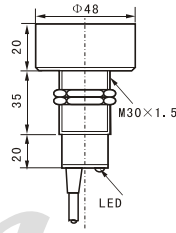


5mm/4mm 8mm/6.4mm	7mm/5.6mm 10mm/8mm	10mm/8mm 15mm/12mm	2mm/1.6mm 4mm/3.2mm	5mm/4mm 8mm/6.4mm
				
10...30VDC 50mA/200mA 200Hz/500Hz 6V/1.5V <0.4mA/0.05mA LJH22M-3005PK LJH22M-3005PH	10...30VDC 50mA/200mA 100Hz/200Hz 6V/1.5V <0.4mA/0.05mA LJH25M-3007PK LJH25M-3007PH LJH25M-3007PT LJH25M-3007NK LJH25M-3007NH LJH25M-3007NT LJH25M-3007DK LJH25M-3007DH	10...30VDC 50mA/200mA 100Hz/200Hz 6V/1.5V <0.4mA/0.05mA LJH28M-3010PK LJH28M-3010PH LJH28M-3010PT LJH28M-3010NK LJH28M-3010NH LJH28M-3010NT LJH28M-3010DK LJH28M-3010DH LJH28M-3010DC	10...30VDC 50mA/200mA 400Hz/800Hz 6V/1.5V <0.4mA/0.05mA LJH29M-3002PK LJH29M-3002PH LJH29M-3002PT LJH29M-3002NK LJH29M-3002NH LJH29M-3002NT LJH29M-3002DK LJH29M-3002DH	10...30VDC 50mA/200mA 200Hz/500Hz 6V/1.5V <0.4mA/0.05mA LJH30M-3005PK LJH30M-3005PH LJH30M-3005NK LJH30M-3005NH LJH30M-3005DK LJH30M-3005DH
LJH22-3008PK LJH22-3008PH LJH22-3008NK LJH22-3008NH LJH22-3008DK LJH22-3008DH	LJH25-3010PK LJH25-3010PH LJH25-3010PT LJH25-3010NK LJH25-3010NH LJH25-3010NT LJH25-3010DK LJH25-3010DH	LJH28-3015PK LJH28-3015PH LJH28-3015PT LJH28-3015NK LJH28-3015NH LJH28-3015NT LJH28-3015DK LJH28-3015DH LJH28-3015DC	LJH29-3004PK LJH29-3004PH LJH29-3004PT LJH29-3004NK LJH29-3004NH LJH29-3004NT LJH29-3004DK LJH29-3004DH	LJH30-3008PK LJH30-3008PH LJH30-3008NK LJH30-3008NH LJH30-3008DK LJH30-3008DH
90...250VAC 300mA 25Hz <6.5V ≤1.6mA LJH22M-2405GK LJH22M-2405GH	90...250VAC 300mA 25Hz <6.5V ≤1.6mA LJH25M-2407GK LJH25M-2407GH LJH25M-4007GK LJH25M-4007GH	90...250VAC 300mA 25Hz <6.5V ≤1.6mA LJH28M-2410GK LJH28M-2410GH LJH28M-4010GK LJH28M-4010GH	90...250VAC 300mA 25Hz <6.5V ≤1.6mA LJH29M-2402GK LJH29M-2402GH LJH29M-4002GK LJH29M-4002GH	90...250VAC 300mA 25Hz <6.5V ≤1.6mA LJH30M-2405GK LJH30M-2405GH
LJH22-2408GK LJH22-2408GH	LJH25-2410GK LJH25-2410GH LJH25-4010GK LJH25-4010GH	LJH28-2415GK LJH28-2415GH LJH28-4015GK LJH28-4015GH	LJH29-2404GK LJH29-2404GH LJH29-4004GK LJH29-4004GH	LJH30-2408GK LJH30-2408GH
- Yes -25℃...70℃ 40×40×1t ABS IP64	- Yes -25℃...70℃ 50×50×1t ABS IP65	>20MΩ (DC500V) DC1500V/AC2000V Yes -25℃...70℃ 60×60×1t ABS+Chrome-plated brass IP66	- Yes -25℃...70℃ 20×20×1t ABS IP64	- Yes -25℃...70℃ 40×40×1t ABS IP64



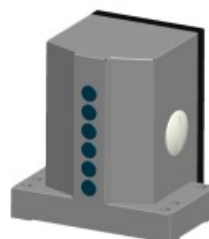
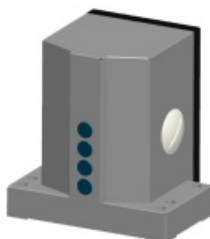
额定感应距离/实际工作距离		埋入式	5mm/4mm 8mm/6.4mm	10mm/8mm 15mm/12mm	5mm/4mm 8mm/6.4mm	5mm/4mm 8mm/6.4mm
单位:mm		 				
电源电压			10...30VDC	10...30VDC	10...30VDC	10...30VDC
工作电流		二线/三、四线	50mA/200mA	50mA/200mA	50mA/200mA	50mA/200mA
工作频率		二线/三、四线	200Hz/500Hz	150Hz/300Hz	200Hz/500Hz	200Hz/500Hz
输出压降		二线/三、四线	6V/1.5V	6V/1.5V	6V/1.5V	6V/1.5V
泄漏电流		二线/三、四线	<0.4mA/0.05mA	<0.4mA/0.05mA	<0.4mA/0.05mA	<0.4mA/0.05mA
埋入式	三/四线制 PNP	常开	LJH31M-3005PK	LJH32M-3010PK	LJH33M-3005PK	LJH36M-3005PK
		常闭	LJH31M-3005PH	LJH32M-3010PH	LJH33M-3005PH	LJH36M-3005PH
		开+闭				
	三/四线制 NPN	常开	LJH31M-3005NK	LJH32M-3010NK	LJH33M-3005NK	LJH36M-3005NK
		常闭	LJH31M-3005NH	LJH32M-3010NH	LJH33M-3005NH	LJH36M-3005NH
		开+闭				
	二线制	常开	LJH31M-3005DK	LJH32M-3010DK	LJH33M-3005DK	LJH36M-3005DK
		常闭	LJH31M-3005DH	LJH32M-3010DH	LJH33M-3005DH	LJH36M-3005DH
		开闭可选				
	继电器触点输出					
非埋入式	三/四线制 PNP	常开	LJH31-3008PK	LJH32-3015PK	LJH33-3008PK	LJH36-3008PK
		常闭	LJH31-3008PH	LJH32-3015PH	LJH33-3008PH	LJH36-3008PH
		开+闭				
	三/四线制 NPN	常开	LJH31-3008NK	LJH32-3015NK	LJH33-3008NK	LJH36-3008NK
		常闭	LJH31-3008NH	LJH32-3015NH	LJH33-3008NH	LJH36-3008NH
		开+闭				
	二线制	常开	LJH31-3008DK	LJH32-3015DK	LJH33-3008DK	LJH36-3008DK
		常闭	LJH31-3008DH	LJH32-3015DH	LJH33-3008DH	LJH36-3008DH
		开闭可选				
	继电器触点输出					
电源电压			90...250VAC	90...250VAC	90...250VAC	90...250VAC
工作电流			300mA	300mA	300mA	300mA
工作频率			25Hz	25Hz	25Hz	25Hz
输出压降			<6.5V	<6.5V	<6.5V	<6.5V
泄漏电流		二线	≤1.6mA	≤1.6mA	≤1.6mA	≤1.6mA
埋入式	二线制	常开	LJH31M-2405GK	LJH32M-2410GK	LJH33M-2405GK	LJH36M-2405GK
		常闭	LJH31M-2405GH	LJH32M-2410GH	LJH33M-2405GH	LJH36M-2405GH
	AC/DC 20-250V	常开		LJH32M-4010GK	LJH33M-4005GK	LJH36M-4005GK
		常闭		LJH32M-4010GH	LJH33M-4005GH	LJH36M-4005GH
	继电器触点输出					
非埋入式	二线制	常开	LJH31-2408GK	LJH32-2415GK	LJH33-2408GK	LJH36-2408GK
		常闭	LJH31-2408GH	LJH32-2415GH	LJH33-2408GH	LJH36-2408GH
	AC/DC 20-250V	常开		LJH32-4015GK	LJH33-4008GK	LJH36-4008GK
		常闭		LJH32-4015GH	LJH33-4008GH	LJH36-4008GH
	继电器触点输出					
绝缘阻抗(Ω)			-	-	-	-
击穿电压(直流型/交流型)			-	-	-	-
短路保护			Yes	Yes	Yes	Yes
环境工作温度			-25℃...70℃	-25℃...70℃	-25℃...70℃	-25℃...70℃
标准检测体(A3)			40×40×1t	60×60×1t	40×40×1t	40×40×1t
外壳材料			ABS	ABS	ABS	ABS
防护等级			IP64	IP64	IP66	IP64

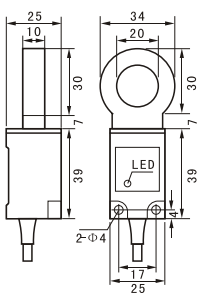
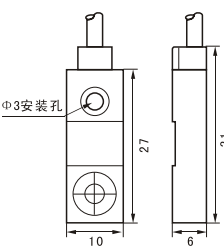
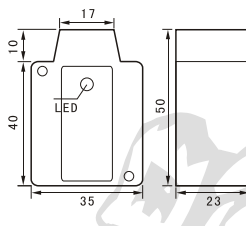


15mm/12mm 20mm/16mm	5mm/4mm	10mm/8mm 15mm/12mm	10mm/8mm 15mm/12mm	15mm/12mm 20mm/16mm
				
10...30VDC 50mA/200mA 50Hz/100Hz 6V/1.5V <0.4mA/0.05mA LJH40M-3015PK LJH40M-3015PH LJH40M-3015PT LJH40M-3015NK LJH40M-3015NH LJH40M-3015NT LJH40M-3015DK LJH40M-3015DH LJH40M-3015DC	10...30VDC 50mA/200mA 200Hz/500Hz 6V/1.5V <0.4mA/0.05mA LJH42M-3005PK LJH42M-3005PH LJH42M-3005NK LJH42M-3005NH LJH42M-3005DK LJH42M-3005DH	10...30VDC 50mA/200mA 100Hz/200Hz 6V/1.5V <0.4mA/0.05mA LJH43M-3010PK LJH43M-3010PH LJH43M-3010PT LJH43M-3010NK LJH43M-3010NH LJH43M-3010NT LJH43M-3010DK LJH43M-3010DH LJH43M-3010DC LJH43M-3010DJ LJH43-3015PK LJH43-3015PH LJH43-3015PT LJH43-3015NK LJH43-3015NH LJH43-3015NT LJH43-3015DK LJH43-3015DH LJH43-3015DC LJH43-3015DJ	10...30VDC 50mA/200mA 100Hz/200Hz 6V/1.5V <0.4mA/0.05mA LJH43M-3010PK-4 LJH43M-3010PH-4 LJH43M-3010PT-4 LJH43M-3010NK-4 LJH43M-3010NH-4 LJH43M-3010NT-4 LJH43M-3010DK-4 LJH43M-3010DH-4 LJH43M-3010DC-4 LJH43M-3010DJ-4 LJH43-3015PK-4 LJH43-3015PH-4 LJH43-3015PT-4 LJH43-3015NK-4 LJH43-3015NH-4 LJH43-3015NT-4 LJH43-3015DK-4 LJH43-3015DH-4 LJH43-3015DC-4 LJH43-3015DJ-4	10...30VDC 50mA/200mA 50Hz/100Hz 6V/1.5V <0.4mA/0.05mA LJH48M-3015PK LJH48M-3015PH LJH48M-3015PT LJH48M-3015NK LJH48M-3015NH LJH48M-3015NT LJH48M-3015DK LJH48M-3015DH LJH48M-3015DC LJH48M-3015DJ LJH48-3020PK LJH48-3020PH LJH48-3020PT LJH48-3020NK LJH48-3020NH LJH48-3020NT LJH48-3020DK LJH48-3020DH LJH48-3020DC LJH48-3020DJ
90...250VAC 300mA 20Hz <6.5V ≤1.6mA LJH40M-2415GK LJH40M-2415GH LJH40M-4015GK LJH40M-4015GH		90...250VAC 300mA 25Hz <6.5V ≤1.6mA LJH43M-2410GK LJH43M-2410GH LJH43M-4010GK LJH43M-4010GH LJH43M-2410GJ	90...250VAC 300mA 25Hz <6.5V ≤1.6mA LJH43M-2410GK-4 LJH43M-2410GH-4 LJH43M-4010GK-4 LJH43M-4010GH-4 LJH43M-2410GJ-4	90...250VAC 300mA 20Hz <6.5V ≤1.6mA LJH48M-2415GK LJH48M-2415GH LJH48M-4015GK LJH48M-4015GH LJH48M-2415GJ
LJH40-2420GK LJH40-2420GH LJH40-4020GK LJH40-4020GH		LJH43-2415GK LJH43-2415GH LJH43-4015GK LJH43-4015GH LJH43-2415GJ	LJH43-2415GK-4 LJH43-2415GH-4 LJH43-4015GK-4 LJH43-4015GH-4 LJH43-2415GJ-4	LJH48-2420GK LJH48-2420GH LJH48-4020GK LJH48-4020GH
>20MΩ (DC500V) DC1500V/AC2000V Yes -25℃...70℃ 80×80×1t ABS+Chrome-plated brass IP66	>20MΩ (DC500V) DC1500V/AC2000V Yes -25℃...70℃ 40×40×1t Cast aluminum IP66	- - Yes -25℃...70℃ 60×60×1t ABS IP64	- - Yes -25℃...70℃ 60×60×1t ABS IP64	>20MΩ (DC500V) DC1500V/AC2000V Yes -25℃...70℃ 80×80×1t ABS+Chrome-plated brass IP66

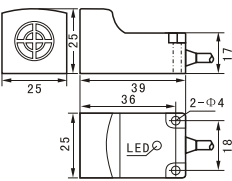
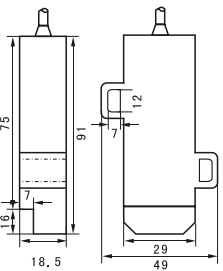
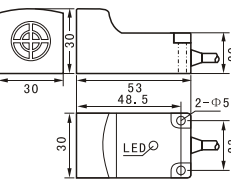
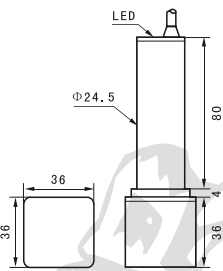
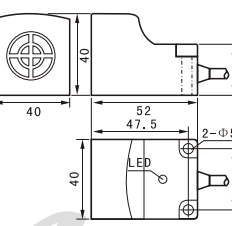




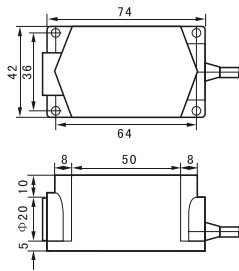
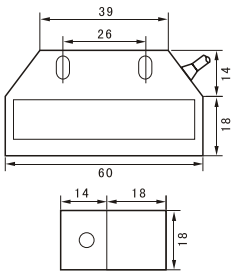


额定感应距离/ 实际工作距离			埋入式			5mm/4mm		5mm/4mm	
			非埋入式	Φ20mm	3mm/2.4mm	8mm/6.4mm			
单位:mm									
埋入式 									
非埋入式 									
电源电压				10…30VDC		10…30VDC		10…30VDC	
工作电流 二线/三、四线				50mA/200mA		50mA/200mA		50mA/200mA	
工作频率 二线/三、四线				20Hz/40Hz		400Hz/800Hz		200Hz/400Hz	
输出压降 二线/三、四线				6V/1.5V		6V/1.5V		6V/1.5V	
泄漏电流 二线/三、四线				<0.4mA/0.05mA		<0.4mA/0.05mA		<0.4mA/0.05mA	
埋入式	三/四线制 PNP	常开					LJK17M-3005PK		
		常闭					LJK17M-3005PH		
		开+闭					LJK17M-3005PT		
	三/四线制 NPN	常开					LJK17M-3005NK		
		常闭					LJK17M-3005NH		
		开+闭					LJK17M-3005NT		
非埋入式	三/四线制 PNP	常开	LJI20-3020PK		LJK9-3003PK		LJK17-3008PK		LJK19-3005PK
		常闭	LJI20-3020PH		LJK9-3003PH		LJK17-3008PH		LJK19-3005PH
		开+闭	LJI20-3020PT				LJK17-3008PT		
	三/四线制 NPN	常开	LJI20-3020NK		LJK9-3003NK		LJK17-3008NK		LJK19-3005NK
		常闭	LJI20-3020NH		LJK9-3003NH		LJK17-3008NH		LJK19-3005NH
		开+闭	LJI20-3020NT				LJK17-3008NT		
埋入式	二线制	常开	LJI20-3020DK		LJK9-3003DK		LJK17-3008DK		LJK19-3005DK
		常闭	LJI20-3020DH		LJK9-3003DH		LJK17-3008DH		LJK19-3005DH
		开闭可选							
	继电器触点输出								
电源电压						90…250VAC			
工作电流						300mA			
工作频率						25Hz			
输出压降						<6.5V			
泄漏电流 二线						≤1.6mA			
埋入式	二线制	常开					LJK17M-2405GK		
		常闭					LJK17M-2405GH		
	AC\DC 20-250V	常开					LJK17M-4005GK		
		常闭					LJK17M-4005GH		
继电器触点输出									
非埋入式	二线制	常开					LJK17-2408GK		
		常闭					LJK17-2408GH		
	AC\DC 20-250V	常开					LJK17-4008GK		
		常闭					LJK17-4008GH		
继电器触点输出									
绝缘阻抗(Ω)				-		-		-	
击穿电压(直流型/交流型)				-		-		-	
短路保护				Yes		Yes		Yes	
环境工作温度				-25℃…70℃		-25℃…70℃		-25℃…70℃	
标准检测体(A3)				40×40×1t		30×30×1t		40×40×1t	
外壳材料				ABS		ABS		ABS	
防护等级				IP66		IP66		IP66	



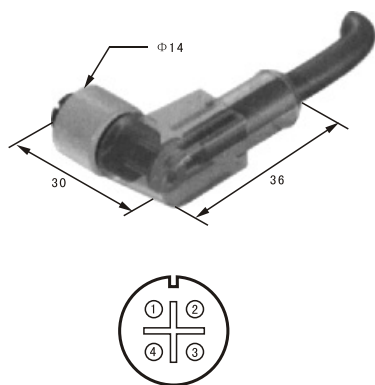
5mm/4mm	5mm/4mm	10mm/8mm 15mm/12mm	10mm/8mm 15mm/12mm	15mm/12mm 20mm/16mm
				
10...30VDC 50mA/200mA 200Hz/400Hz 6V/1.5V <0.4mA/0.05mA	10...30VDC 50mA/200mA 300Hz/600Hz 6V/1.5V <0.4mA/0.05mA	10...30VDC 50mA/200mA 100Hz/200Hz 6V/1.5V <0.4mA/0.05mA	10...30VDC 50mA/200mA 100Hz/200Hz 6V/1.5V <0.4mA/0.05mA	10...30VDC 50mA/200mA 50Hz/100Hz 6V/1.5V <0.4mA/0.05mA
LJK25-3005PK LJK25-3005PH LJK25-3005PT LJK25-3005NK LJK25-3005NH LJK25-3005NT LJK25-3005DK LJK25-3005DH	LJK29-3005PK LJK29-3005PH LJK29-3005PT LJK29-3005NK LJK29-3005NH LJK29-3005NT LJK29-3005DK LJK29-3005DH	LJK31-3015PK LJK31-3015PH LJK31-3015PT LJK31-3015NK LJK31-3015NH LJK31-3015NT LJK31-3015DK LJK31-3015DH	LJK36-3015PK LJK36-3015PH LJK36-3015PT LJK36-3015NK LJK36-3015NH LJK36-3015NT LJK36-3015DK LJK36-3015DH	LJK41-3015PK LJK41-3015PH LJK41-3015PT LJK41-3015NK LJK41-3015NH LJK41-3015NT LJK41-3015DK LJK41-3015DH
90...250VAC 300mA 25Hz <6.5V ≤1.6mA	90...250VAC 300mA 25Hz <6.5V ≤1.6mA	90...250VAC 300mA 25Hz <6.5V ≤1.6mA	90...250VAC 300mA 25Hz <6.5V ≤1.6mA	90...250VAC 300mA 15Hz <6.5V ≤1.6mA
LJK29-2405GK LJK29-2405GH LJK29-4005GK LJK29-4005GH	LJK31-2415GK LJK31-2415GH LJK31-4015GK LJK31-4015GH	LJK36-2415GK LJK36-2415GH LJK36-4015GK LJK36-4015GH	LJK41-2408GK LJK41-2408GH LJK41-4008GK LJK41-4008GH	LJK41-2408GK LJK41-2408GH LJK41-4008GK LJK41-4008GH
- Yes -25℃...70℃ 40×40×1t ABS IP66	- Yes -25℃...70℃ 30×30×1t ABS IP66	- Yes -25℃...70℃ 60×60×1t ABS IP66	- Yes -25℃...70℃ 60×60×1t ABS IP66	- Yes -25℃...70℃ 80×80×1t ABS IP66



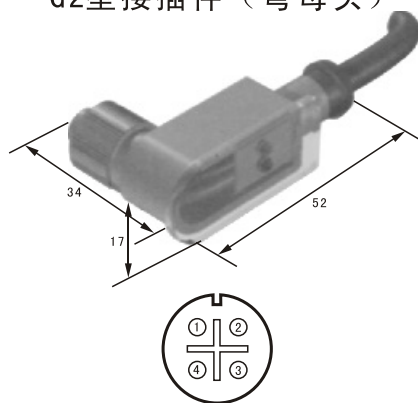
额定感应距离/实际工作距离		埋入式	7mm/5.6mm	5mm/4mm		
		非埋入式	10mm/8mm	8mm/6.4mm		
单位:mm						
埋入式						
非埋入式						
电源电压			10...30VDC	10...30VDC		
工作电流		二线/三、四线	50mA/200mA	50mA/200mA		
工作频率		二线/三、四线	200Hz/400Hz	200Hz/400Hz		
输出压降		二线/三、四线	6V/1.5V	6V/1.5V		
泄漏电流		二线/三、四线	<0.4mA/0.05mA	<0.4mA/0.05mA		
埋入式	三/四线制 PNP	常开	LJK42M-3007PK	LJK60M-3005PK		
		常闭	LJK42M-3007PH	LJK60M-3005PH		
		开+闭	LJK42M-3007PT	LJK60M-3005PT		
	三/四线制 NPN	常开	LJK42M-3007NK	LJK60M-3005NK		
		常闭	LJK42M-3007NH	LJK60M-3005NH		
		开+闭	LJK42M-3007NT	LJK60M-3005NT		
	二线制	常开	LJK42M-3007DK	LJK60M-3005DK		
		常闭	LJK42M-3007DH	LJK60M-3005DH		
		开闭可选	LJK42M-3007DC			
	继电器触点输出		LJK42M-3007DJ			
非埋入式	三/四线制 PNP	常开	LJK42-3010PK	LJK60-3008PK		
		常闭	LJK42-3010PH	LJK60-3008PH		
		开+闭	LJK42-3010PT	LJK60-3008PT		
	三/四线制 NPN	常开	LJK42-3010NK	LJK60-3008NK		
		常闭	LJK42-3010NH	LJK60-3008NH		
		开+闭	LJK42-3010NT	LJK60-3008NT		
	二线制	常开	LJK42-3010DK	LJK60-3008DK		
		常闭	LJK42-3010DH	LJK60-3008DH		
		开闭可选	LJK42-3010DC			
	继电器触点输出		LJK42-3010DJ			
电源电压			90...250VAC	90...250VAC		
工作电流			300mA	300mA		
工作频率			25Hz	25Hz		
输出压降			<6.5V	<6.5V		
泄漏电流		二线	≤1.6mA	≤1.6mA		
埋入式	二线制	常开	LJK42M-2407GK	LJK60M-2405GK		
		常闭	LJK42M-2407GH	LJK60M-2405GH		
	AC/DC 20-250V	常开	LJK42M-4007GK	LJK60M-4005GK		
		常闭	LJK42M-4007GH	LJK60M-4005GH		
	继电器触点输出		LJK42M-4007GJ			
非埋入式	二线制	常开	LJK42-2410GK	LJK60-2408GK		
		常闭	LJK42-2410GH	LJK60-2408GH		
	AC/DC 20-250V	常开	LJK42-4010GK	LJK60-4008GK		
		常闭	LJK42-4010GH	LJK60-4008GH		
	继电器触点输出		LJK42-4010GJ			
绝缘阻抗(Ω)			>20MΩ (DC500V)	-		
击穿电压(直流型/交流型)			DC1500V/AC2000V	-		
短路保护			Yes	Yes		
环境工作温度			-25℃...70℃	-25℃...70℃		
标准检测体(A3)			40×40×1t	40×40×1t		
外壳材料			Cast aluminum	ABS		
防护等级			IP66	IP66		



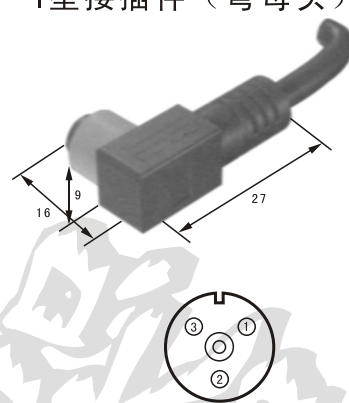
G型接插件（弯母头）



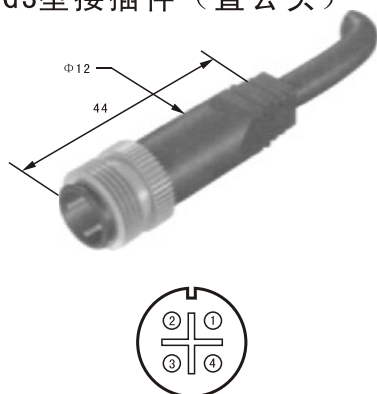
G2型接插件（弯母头）



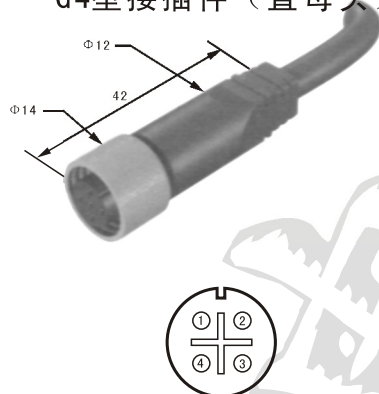
I型接插件（弯母头）



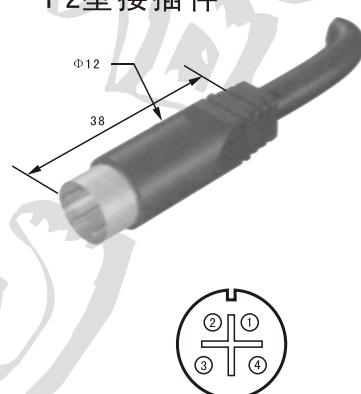
G3型接插件（直公头）



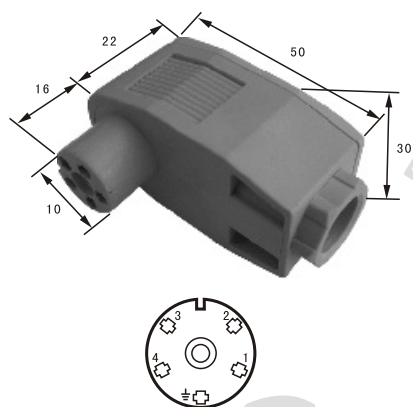
G4型接插件（直母头）



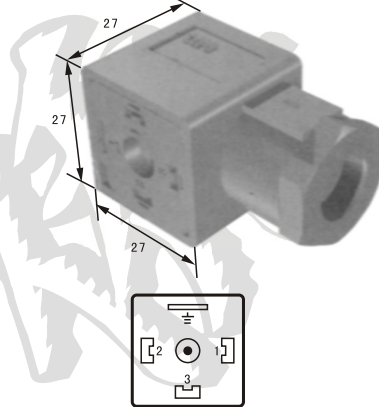
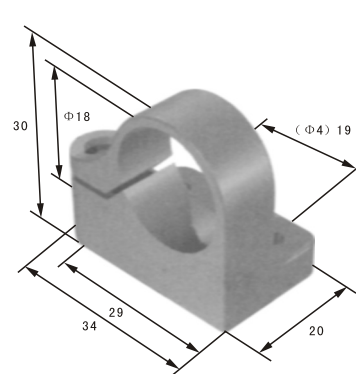
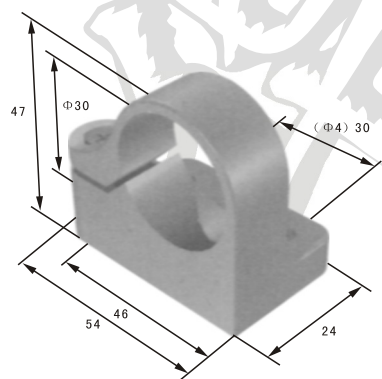
F2型接插件



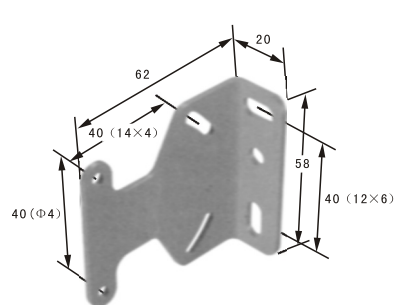
H型接插件



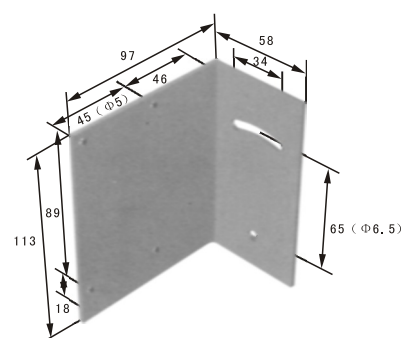
X型接插件


 $\Phi 18$ 安装架

 $\Phi 30$ 安装架


L50安装架



热金属检测器安装架



单位: mm



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