

## ● 1.6 电感式接近传感器 Inductance proximity sensor

### 1.6.1 电感式接近传感器的技术参数 Technical parameters of inductance proximity sensor

直流2线式 DC 2-wire type

尺寸 Dimension	M8		M12		M18		M30	
屏蔽 Shielding	屏蔽 Shielding	非屏蔽 Non-shielding	屏蔽 Shielding	非屏蔽 Non-shielding	屏蔽 Shielding	非屏蔽 Non-shielding	屏蔽 Shielding	非屏蔽 Non-shielding
检测距离 Detection distance	1mm ± 10%	2mm ± 10%	2mm ± 10%	4mm ± 10%	5mm ± 10%	8mm ± 10%	10mm ± 10%	15mm ± 10%
设定距离 Setting distance	0 ~ 0.8mm	0 ~ 1.6mm	0 ~ 1.6mm	0 ~ 3.2mm	0 ~ 4mm	0 ~ 7.2mm	0 ~ 8mm	0 ~ 12mm
回差 Return difference	检测距离的15%以下 15% below of detection distance		检测距离的10%以下 10% below of detection distance					
检测物体 Detected object	磁性金属(非磁性金属感应距离减小) Magnetic metal (inductive distance of non magnetic metal is reduced)							
标准检测体 Standard detected object	铁 (Iron) 8*8*1		铁 (Iron) 12*12*1		铁 (Iron) 18*18*1		铁 (Iron) 30*30*1	
响应频率 Response frequency	1.5KHz	1 KHz		0.8 KHz	0.5 KHz	0.4 KHz		0.1 KHz
电源电压 (使用电压范围) Mains voltage (range of working voltage)	DC12 ~ 24V脉动 (P-P) 10%以下 DC12 ~ 24V impulse (P-P) 10% below (DC10 ~ 30V)							
控制输出 Control output	开关容量 Switching capacity	200mA						
	残余电压 Residual voltage	≤4V						
动作形态 Operating form	EX型: NO    EX type: NO DX型: NC    DX type: NC							
漏电流 Leakage current	0.8mA以下 0.8mA below							
环境温度 Ambient temperature	动作时: -20 ~ 80°C 保存时: -40 ~ 85°C (不结露、不结冰) Operation: -20 ~ 80°C Storage: -40 ~ 85°C (non-dewfall or icing)							
环境湿度 Ambient humidity	动作时、保存时: 各35 ~ 95%RH Operation and storage: 3 ~ 95%RH							
绝缘阻抗 Insulation impedance	50MΩ以上 (充电部与外壳间) 50MΩ above (between charging part and housing)							
耐电压 Withstand voltage	AC1000V 50/60Hz 1min (充电部与外壳间) AC1000V 50/60Hz 1min (between charging part and housing)							
保护结构 Protection grade	IP67							
连接方式 Connection mode	导线引出型 Conductor leading out type							
材质 Material	黄铜 Brass							
附件 Accessory	说明书 Operating manual							

## 直流3线式 DC 3-wire type

尺寸 Dimension	M8		M12		M18		M30	
屏蔽 Shielding	屏蔽 Shielding	非屏蔽 Non-shielding	屏蔽 Shielding	非屏蔽 Non-shielding	屏蔽 Shielding	非屏蔽 Non-shielding	屏蔽 Shielding	非屏蔽 Non-shielding
检测距离 Detection distance	1mm ± 10%	2mm ± 10%	2mm ± 10%	4mm ± 10%	5mm ± 10%	8mm ± 10%	10mm ± 10%	15mm ± 10%
设定距离 Setting distance	0 ~ 0.8mm	0 ~ 1.6mm	0 ~ 1.6mm	0 ~ 3.2mm	0 ~ 4mm	0 ~ 7.2mm	0 ~ 8mm	0 ~ 12mm
回差 Return difference	检测距离的15%以下 15% below of detection distance		检测距离的10%以下 10% below of detection distance					
检测物体 Detected object	磁性金属 (非磁性金属感应距离减小) Magnetic metal (inductive distance of non magnetic metal is reduced)							
标准检测体 Standard detected object	铁 (Iron) 8*8*1		铁 (Iron) 12*12*1		铁 (Iron) 18*18*1		铁 (Iron) 30*30*1	
响应频率 Response frequency	1.5KHz	1 KHz		0.8 KHz	0.5 KHz	0.4 KHz		0.1 KHz
电源电压 (使用电压范围) Mains voltage (range of working voltage)	DC12 ~ 24V脉动 (P-P) 10%以下 DC12 ~ 24V impulse (P-P) 10% below (DC10 ~ 30V)							
控制 输出 Control output	开关容量 Switching capacity	200mA						
	残余电压 Residual voltage	2V以下 2V below						
消耗电流 Current consumption	13mA以下 13mA below							
漏电流 Leakage current	0.05mA以下 0.05mA below							
动作形态 Operating form	BX型: NPN NO    BX type: NPN NO AX型: NPN NC    AX type: NPN NC BY型: PNP NO    BY type: PNP NO AY型: PNP NC    AY type: PNP NC							
环境温度 Ambient temperature	动作时: -20 ~ 80°C    保存时: -40 ~ 85°C (不结露、不结冰) Operation: -20 ~ 80°C    Storage: -40 ~ 85°C (non-dewfall or icing)							
环境湿度 Ambient humidity	动作时、保存时: 各35 ~ 95%RH Operation and storage: 35 ~ 95%RH							
绝缘阻抗 Insulation impedance	50MΩ 以上 (充电部与外壳间) 50MΩ above (between charging part and housing)							
耐电压 Withstand voltage	AC1000V 50/60Hz 1min (充电部与外壳间) AC1000V 50/60Hz 1min (between charging part and housing)							
保护结构 Protection grade	IP67							
连接方式 Connection mode	导线引出型 Conductor leading out type							
材质 Material	黄铜 Brass							
附件 Accessory	说明书 Operating manual							

## 直流3线式 DC 3-wire type

尺寸 Dimension	M4	M5	M5.4	M6
屏蔽 Shielding	屏蔽 Shielding			
检测距离 Detection distance	0.6mm ± 15%	0.8mm ± 15%		
设定距离 Setting distance	0~0.5mm	0~0.6mm		
回差 Return difference	检测距离的15%以下 15% below of detection distance			
检测物体 Detected object	磁性金属(非磁性金属感应距离减小) Magnetic metal (inductive distance of non magnetic metal is reduced)			
标准检测体 Standard detected object	铁 (Iron) 5*5*1			
响应频率 Response frequency	3KHz			
电源电压 (使用电压范围) Mains voltage (range of working voltage)	DC10 ~ 24V脉动 (P-P) 10%以下 DC10 ~ 24V impulse (P-P) 10% below (DC10 ~ 30V)			
控制 输出 Control output	开关容量 Switching capacity	集电极开路输出100mA以下 (DC30V以下) Open-collector output 100mA below (DC30V below)		
	残余电压 Residual voltage	2V以下 2V below		
消耗电流 Current consumption	17mA以下 17mA below			
漏电流 Leakage current	0.05mA以下 0.05mA below			
动作形态 Operating form	BX型 : NPN NO BY型 : PNP NO		BX type: NPN NO BY type: PNP NO	
环境温度 Ambient temperature	动作时:-20 ~ 80°C 保存时:-40 ~ 85°C (不结露、不结冰) Operation: -20 ~ 80°C Storage: -40 ~ 85°C (non-dewfall or icing)			
环境湿度 Ambient humidity	动作时、保存时: 各35 ~ 95%RH Operation and storage: 35 ~ 95%RH			
绝缘阻抗 Insulation impedance	50MΩ 以上 (充电部与外壳间) 50MΩ above (between charging part and housing)			
耐电压 Withstand voltage	AC1000V 50/60Hz 1min (充电部与外壳间) AC1000V 50/60Hz 1min (between charging part and housing)			
保护结构 Protection grade	IP67			
连接方式 Connection mode	导线引出型 Conductor leading out type			
材质 Material	黄铜 Brass			
附件 Accessory	说明书 Operating manual			

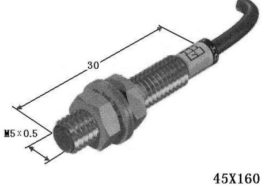
## 交流2线 AC 2-wire type

尺寸 Dimension	M8		M12		M18		M30	
屏蔽 Shielding	屏蔽 Shielding	非屏蔽 Non-shielding	屏蔽 Shielding	非屏蔽 Non-shielding	屏蔽 Shielding	非屏蔽 Non-shielding	屏蔽 Shielding	非屏蔽 Non-shielding
检测距离 Detection distance	1mm ± 10%	2mm ± 10%	2mm ± 10%	4mm ± 10%	5mm ± 10%	8mm ± 10%	10mm ± 10%	15mm ± 10%
设定距离 Setting distance	0 ~ 0.8mm	0 ~ 1.6mm	0 ~ 1.6mm	0 ~ 3.2mm	0 ~ 4mm	0 ~ 7.2mm	0 ~ 8mm	0 ~ 12mm
回差 Return difference	检测距离的10%以下 10% below of detection distance							
检测物体 Detected object	磁性金属(非磁性金属感应距离减小) Magnetic metal (inductive distance of non magnetic metal is reduced)							
标准检测体 Standard detected object	铁 (Iron) 8*8*1		铁 (Iron) 12*12*1		铁 (Iron) 18*18*1		铁 (Iron) 30*30*1	
响应频率 Response frequency	25KHz							
电源电压 Mains voltage	AC90 ~ 220V							
控制 输出 Control output	开关容量 Switching capacity	400mA以下 400mA below						
	残余电压 Residual voltage	特性数据, 10mA以上时, 残余电压5V以下 Performance data, when it is 10mA above, residual voltage will be 5V below						
消耗电流 Current consumption	1.7mA以下 1.7mA below							
漏电流 Leakage current	6V以下 6V below							
动作形态 Operating form	EZ型: NO    EZ type: NO DZ型: NC    DZ type: NC							
环境温度 Ambient temperature	动作时:-20 ~ 75°C 保存时:-40 ~ 75°C (不结露、不结冰) Operation: -20 ~ 75°C Storage: -40 ~ 75°C (non-dewfall or icing)							
环境湿度 Ambient humidity	动作时、保存时: 各35 ~ 95%RH Operation and storage: 35 ~ 95%RH							
绝缘阻抗 Insulation impedance	50MΩ 以上 (充电部与外壳间) 50MΩ above ( between charging part and housing )							
耐电压 Withstand voltage	AC1000V 50/60Hz 1min ( 充电部与外壳间 ) AC1000V 50/60Hz 1min ( between charging part and housing )							
保护结构 Protection grade	IP67							
连接方式 Connection mode	导线引出型 Conductor leading out type							
材质 Material	黄铜 Brass							
附件 Accessory	说明书 Operating manual							




1.6.1 电感式接近传感器产品型号介绍 Model description of inductance proximity sensor

通用型电感式接近开关型号介绍:




Model description of general type inductance proximity sensor:

外形及几何尺寸 Overall dimensions						
埋入式 Flush type	感应距离 Inductance distance		0.8mm	0.8mm	1mm	
	直流 DC	NPN	常开NO	LJ4A3-0.8-Z/BX	LJ5A3-0.8-Z/BX	LJ6A3-1-Z/BX
			常闭NC	LJ4A3-0.8-Z/AX	LJ5A3-0.8-Z/AX	LJ6A3-1-Z/AX
			常开+常闭NO+NC			
		PNP	常开NO	LJ4A3-0.8-Z/BY	LJ5A3-0.8-Z/BY	LJ6A3-1-Z/BY
			常闭NC	LJ4A3-0.8-Z/AY	LJ5A3-0.8-Z/AY	LJ6A3-1-Z/AY
			常开+常闭NO+NC			
	二线制 Two-wire	常开NO				
		常闭NC				
	交流 AC	二线制 Two-wire	常开NO			
常闭NC						
非埋入式 Non-flush type	感应距离 Inductance distance				1.5mm	
	直流 DC	NPN	常开NO			LJ6A3M-1.5-Z/BX
			常闭NC			LJ6A3M-1.5-Z/AX
			常开+常闭NO+NC			
		PNP	常开NO			LJ6A3M-1.5-Z/BY
			常闭NC			LJ6A3M-1.5-Z/AY
			常开+常闭NO+NC			
	二线制 Two-wire	常开NO				
		常闭NC				
	交流 AC	二线制 Two-wire	常开NO			
常闭NC						
外壳材料 Material of housing			不锈钢 Stainless steel	不锈钢 Stainless steel	不锈钢 Stainless steel	
防护等级 Protection degree			IP67	IP67	IP67	
使用环境温度 Operating ambient temperature			-20℃ ~ 80℃	-20℃ ~ 80℃	-20℃ ~ 80℃	
绝缘电阻 Insulation resistance			>50MΩ	>50MΩ	>50MΩ	

通用型电感式接近开关型号介绍：  
Model description of general type inductance proximity sensor:

外形及几何尺寸 Overall dimensions						
埋入式 flush type	感应距离 Inductance distance		1mm	2mm	5mm	
	直流 DC	NPN	常开NO	LJ8A3-1-Z/BX	LJ12A3-2-Z/BX	LJ18A3-5-Z/BX
			常闭NC	LJ8A3-1-Z/AX	LJ12A3-2-Z/AX	LJ18A3-5-Z/AX
			常开+常闭NO+NC	LJ8A3-1-Z/CX	LJ12A3-2-Z/CX	LJ18A3-5-Z/CX
		PNP	常开NO	LJ8A3-1-Z/BY	LJ12A3-2-Z/BY	LJ18A3-5-Z/BY
			常闭NC	LJ8A3-1-Z/AY	LJ12A3-2-Z/AY	LJ18A3-5-Z/AY
			常开+常闭NO+NC	LJ8A3-1-Z/CY	LJ12A3-2-Z/CY	LJ18A3-5-Z/CY
	二线制 Two-wire	常开NO	LJ8A3-1-Z/EX	LJ12A3-2-Z/EX	LJ18A3-5-Z/EX	
		常闭NC	LJ8A3-1-Z/DX	LJ12A3-2-Z/DX	LJ18A3-5-Z/DX	
	交流 AC	二线制 Two-wire	常开NO	LJ8A3-1-J/EZ	LJ12A3-2-J/EZ	LJ18A3-5-J/EZ
常闭NC			LJ8A3-1-J/DZ	LJ12A3-2-J/DZ	LJ18A3-5-J/DZ	
非埋入式 Non-flush type	感应距离 Inductance distance		2mm	4mm	8mm	
	直流 DC	NPN	常开NO	LJ8A3M-2-Z/BX	LJ12A3M-4-Z/BX	LJ18A3M-8-Z/BX
			常闭NC	LJ8A3M-2-Z/AX	LJ12A3M-4-Z/AX	LJ18A3M-8-Z/AX
			常开+常闭NO+NC	LJ8A3M-2-Z/CX	LJ12A3M-4-Z/CX	LJ18A3M-8-Z/CX
		PNP	常开NO	LJ8A3M-2-Z/BY	LJ12A3M-4-Z/BY	LJ18A3M-8-Z/BY
			常闭NC	LJ8A3M-2-Z/AY	LJ12A3M-4-Z/AY	LJ18A3M-8-Z/AY
			常开+常闭NO+NC	LJ8A3M-2-Z/CY	LJ12A3M-4-Z/CY	LJ18A3M-8-Z/CY
	二线制 Two-wire	常开NO	LJ8A3M-2-Z/EX	LJ12A3M-4-Z/EX	LJ18A3M-8-Z/EX	
		常闭NC	LJ8A3M-2-Z/DX	LJ12A3M-4-Z/DX	LJ18A3M-8-Z/DX	
	交流 AC	二线制 Two-wire	常开NO	LJ8A3M-2-J/EZ	LJ12A3M-4-J/EZ	LJ18A3M-8-J/EZ
常闭NC			LJ8A3M-2-J/DZ	LJ12A3M-4-J/DZ	LJ18A3M-8-J/DZ	
外壳材料 Material of housing			黄铜 Brass	黄铜 Brass	黄铜 Brass	
防护等级 Protection degree			IP67	IP67	IP67	
使用环境温度 Operating ambient temperature			-20℃ ~ 80℃	-20℃ ~ 80℃	-20℃ ~ 80℃	
绝缘电阻 Insulation resistance			>50MΩ	>50MΩ	>50MΩ	

通用型电感式接近开关型号介绍：  
Model description of general type inductance proximity sensor:

外形及几何尺寸 Overall dimensions						
埋入式 flush type	感应距离 Inductance distance		8mm	10mm	13mm	
	直流 DC	NPN	常开NO	LJ24A3-8-Z/BX	LJ30A3-10-Z/BX	LJ38A3-13-Z/BX
			常闭NC	LJ24A3-8-Z/AX	LJ30A3-10-Z/AX	LJ38A3-13-Z/AX
			常开+常闭NO+NC	LJ24A3-8-Z/CX	LJ30A3-10-Z/CX	LJ38A3-13-Z/CX
		PNP	常开NO	LJ24A3-8-Z/BY	LJ30A3-10-Z/BY	LJ38A3-13-Z/BY
			常闭NC	LJ24A3-8-Z/AY	LJ30A3-10-Z/AY	LJ38A3-13-Z/AY
			常开+常闭NO+NC	LJ24A3-8-Z/CY	LJ30A3-10-Z/CY	LJ38A3-13-Z/CY
	二线制 Two-wire	常开NO	LJ24A3-8-Z/EX	LJ30A3-10-Z/EX	LJ38A3-13-Z/EX	
		常闭NC	LJ24A3-8-Z/DX	LJ30A3-10-Z/DX	LJ38A3-13-Z/DX	
	交流 AC	二线制 Two-wire	常开NO	LJ24A3-8-J/EZ	LJ30A3-10-J/EZ	LJ38A3-13-J/EZ
常闭NC			LJ24A3-8-J/DZ	LJ30A3-10-J/DZ	LJ38A3-13-J/DZ	
非埋入式 Non-flush type	感应距离 Inductance distance		10mm	15mm	18mm	
	直流 DC	NPN	常开NO	LJ24A3M-10-Z/BX	LJ30A3M-15-Z/BX	LJ38A3M-18-Z/BX
			常闭NC	LJ24A3M-10-Z/AX	LJ30A3M-15-Z/AX	LJ38A3M-18-Z/AX
			常开+常闭NO+NC	LJ24A3M-10-Z/CX	LJ30A3M-15-Z/CX	LJ38A3M-18-Z/CX
		PNP	常开NO	LJ24A3M-10-Z/BY	LJ30A3M-15-Z/BY	LJ38A3M-18-Z/BY
			常闭NC	LJ24A3M-10-Z/AY	LJ30A3M-15-Z/AY	LJ38A3M-18-Z/AY
			常开+常闭NO+NC	LJ24A3M-10-Z/CY	LJ30A3M-15-Z/CY	LJ38A3M-18-Z/CY
	二线制 Two-wire	常开NO	LJ24A3M-10-Z/EX	LJ30A3M-15-Z/EX	LJ38A3M-18-Z/EX	
		常闭NC	LJ24A3M-10-Z/DX	LJ30A3M-15-Z/DX	LJ38A3M-18-Z/DX	
	交流 AC	二线制 Two-wire	常开NO	LJ24A3M-10-J/EZ	LJ30A3M-15-J/EZ	LJ38A3M-18-J/EZ
常闭NC			LJ24A3M-10-J/DZ	LJ30A3M-15-J/DZ	LJ38A3M-18-J/DZ	
外壳材料 Material of housing			黄铜 Brass	黄铜 Brass	塑料 Plastic	
防护等级 Protection degree			IP67	IP67	IP67	
使用环境温度 Operating ambient temperature			-20℃ ~ 80℃	-20℃ ~ 80℃	-20℃ ~ 80℃	
绝缘电阻 Insulation resistance			>50MΩ	>50MΩ	>50MΩ	

方型电感式接近开关型号介绍（可与台湾扬明直接替换）




Model description of square type inductance approach switch (this type of products can be used to replace

外形及几何尺寸 Overall dimensions						
埋入式 flush type	感应距离 Inductance distance					
	直流 DC	NPN	常开NO			
			常闭NC			
			常开+常闭NO+NC			
		PNP	常开NO			
			常闭NC			
			常开+常闭NO+NC			
	二线制 Two-wire	常开NO				
		常闭NC				
	交流 AC	二线制 Two-wire	常开NO			
常闭NC						
非埋入式 Non-flush type	感应距离 Inductance distance		5mm	5mm	5mm	
	直流 DC	NPN	常开NO	LJ-PL-05N	LJ-PS-05N	LJ-SN04-N
			常闭NC			
			常开+常闭NO+NC			
		PNP	常开NO	LJ-PL-05P	LJ-PS-05P	LJ-SN04-P
			常闭NC			
			常开+常闭NO+NC			
	二线制 Two-wire	常开NO				
		常闭NC				
	交流 AC	二线制 Two-wire	常开NO	LJ-PL-05Y1	LJ-PS-05Y1	LJ-SN-04Y1
常闭NC			LJ-PL-05Y2	LJ-PS-05Y2	LJ-SN-04Y2	
外壳材料 Material of housing			塑料 Plastic	塑料 Plastic	塑料 Plastic	
防护等级 Protection degree			IP67	IP67	IP67	
使用环境温度 Operating ambient temperature			-20℃ ~ 80℃	-20℃ ~ 80℃	-20℃ ~ 80℃	
绝缘电阻 Insulation resistance			>50MΩ	>50MΩ	>50MΩ	






电感式接近开关型号介绍（可与韩国奥托尼克斯直接替换）

Model description of inductance approach switch (this type of products be used to replace the AUTONICS products directly)

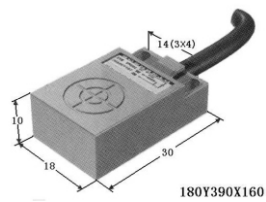
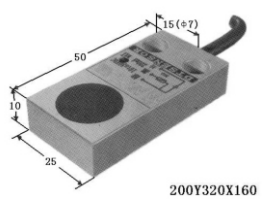
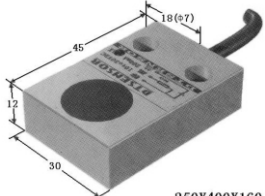
外形及几何尺寸 Overall dimensions			 <b>140Y230X160</b>	 <b>140Y230X160</b>	 <b>180Y290X150</b>	
埋入式 flush type	感应距离 Inductance distance		2mm	5mm	10mm	
	直流 DC	NPN	常开NO	LJ-PR12-2DN	LJ-PR18-5DN	LJ-PR30-10DN
			常闭NC			
			常开+常闭NO+NC			
		PNP	常开NO	LJ-PR12-2DP	LJ-PR18-5DP	LJ-PR30-10DP
			常闭NC			
			常开+常闭NO+NC			
	二线制 Two-wire	常开NO				
		常闭NC				
	交流 AC	二线制 Two-wire	常开NO	LJ-PR12-2AO	LJ-PR18-5AO	LJ-PR30-10AO
常闭NC			LJ-PR12-2AC	LJ-PR18-5AC	LJ-PR30-10AC	
非埋入式 Non-flush type	感应距离 Inductance distance		4mm	8mm	15mm	
	直流 DC	NPN	常开NO	LJ-PR12-4DN	LJ-PR18-8DN	LJ-PR30-15DN
			常闭NC			
			常开+常闭NO+NC			
		PNP	常开NO	LJ-PR12-4DP	LJ-PR18-8DP	LJ-PR30-15DP
			常闭NC			
			常开+常闭NO+NC			
	二线制 Two-wire	常开NO				
		常闭NC				
	交流 AC	二线制 Two-wire	常开NO	LJ-PR12-4AO	LJ-PR18-8AO	LJ-PR30-15AO
常闭NC			LJ-PR12-4AC	LJ-PR18-8AC	LJ-PR30-15AC	
外壳材料 Material of housing			黄铜+塑料 Brass + plastic	黄铜+塑料 Brass + plastic	黄铜+塑料 Brass + plastic	
防护等级 Protection degree			IP67	IP67	Ip67	
使用环境温度 Operating ambient temperature			-20℃ ~ 80℃	-20℃ ~ 80℃	-20℃ ~ 80℃	
绝缘电阻 Insulation resistance			>50MΩ	>50MΩ	>50MΩ	

电感式接近开关型号说明（可与欧姆龙直接替换）

Model description of inductance approach switch (this type of products be used to replace the OMRON products directly)

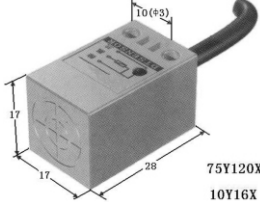
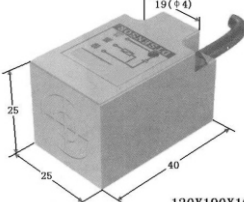
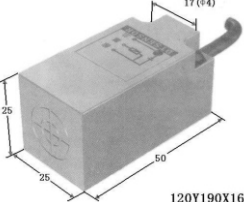
外形及几何尺寸 Overall dimensions			 140Y230X160	 140Y230X160	 180Y290X150	
埋入式 flush type	感应距离 Inductance distance		2mm	5mm	10mm	
	直流 DC	NPN	常开NO	LJ-E2E-X2E1	LJ-E2E-X5E1	LJ-E2E-X10E1
			常闭NC	LJ-E2E-X2E2	LJ-E2E-X5E2	LJ-E2E-X5E2
			常开+常闭NO+NC			
		PNP	常开NO	LJ-E2E-X2F1	LJ-E2E-X5F1	LJ-E2E-X5F1
			常闭NC	LJ-E2E-X2F2	LJ-E2E-X5F2	LJ-E2E-X5F2
			常开+常闭NO+NC			
	二线制 Two-wire	常开NO	LJ-E2E-X2D1	LJ-E2E-X5D1	LJ-E2E-X5D1	
		常闭NC	LJ-E2E-X2D2	LJ-E2E-X5D2	LJ-E2E-X5D2	
	交流 AC	二线制 Two-wire	常开NO	LJ-E2E-X2Y1	LJ-E2E-X5Y1	LJ-E2E-X5Y1
常闭NC			LJ-E2E-X2Y2	LJ-E2E-X5Y2	LJ-E2E-X5Y2	
非埋入式 Non-flush type	感应距离 Inductance distance		5mm	10mm	18mm	
	直流 DC	NPN	常开NO	LJ-E2E-X5ME1	LJ-E2E-X10ME1	LJ-E2E-X18ME1
			常闭NC	LJ-E2E-X5ME2	LJ-E2E-X10ME2	LJ-E2E-X18ME2
			常开+常闭NO+NC			
		PNP	常开NO	LJ-E2E-X5MF1	LJ-E2E-X10MF1	LJ-E2E-X18MF1
			常闭NC	LJ-E2E-X5MF2	LJ-E2E-X10MF2	LJ-E2E-X18MF2
			常开+常闭NO+NC			
	二线制 Two-wire	常开NO	LJ-E2E-X5MD1	LJ-E2E-X10MD1	LJ-E2E-X18MD1	
		常闭NC	LJ-E2E-X5MD2	LJ-E2E-X10MD2	LJ-E2E-X18MD2	
	交流 AC	二线制 Two-wire	常开NO	LJ-E2E-X5MY1	LJ-E2E-X10MY1	LJ-E2E-X18MY1
常闭NC			LJ-E2E-X5MY2	LJ-E2E-X10MY2	LJ-E2E-X18MY2	
外壳材料 Material of housing			黄铜 Brass	黄铜 Brass	黄铜 Brass	
防护等级 Protection degree			IP67	IP67	IP67	
使用环境温度 Operating ambient temperature			-20℃~80℃	-20℃~80℃	-20℃~80℃	
绝缘电阻 Insulation resistance			>50MΩ	>50MΩ	>50MΩ	

电感式接近开关型号说明  
Model description of inductance approach switch

外形及几何尺寸 Overall dimensions						
埋入式 flush type	感应距离 Inductance distance			5mm	5mm	
	直流 DC	NPN	常开NO		TL-W5E1	TL-W7E1
			常闭NC		TL-W5E2	TL-W7E2
			常开+常闭NO+NC			
		PNP	常开NO		TL-W5F1	TL-W7F1
			常闭NC		TL-W5F2	TL-W7F2
			常开+常闭NO+NC			
	二线制 Two-wire	常开NO		TL-W5D1	TL-W7D1	
		常闭NC		TL-W5D2	TL-W7D2	
	交流 AC	二线制 Two-wire	常开NO			
常闭NC						
非埋入式 Non-flush type	感应距离 Inductance distance		5mm			
	直流 DC	NPN	常开NO	TL-W5ME1		
			常闭NC	TL-W5ME2		
			常开+常闭NO+NC			
		PNP	常开NO	TL-W5MF1		
			常闭NC	TL-W5MF2		
			常开+常闭NO+NC			
	二线制 Two-wire	常开NO	TL-W5MD1			
		常闭NC	TL-W5MD2			
	交流 AC	二线制 Two-wire	常开NO			
常闭NC						
外壳材料 Material of housing			塑料 Plastic	塑料 Plastic	塑料 Plastic	
防护等级 Protection degree			IP67	IP67	IP67	
使用环境温度 Operating ambient temperature			-20℃~80℃	-20℃~80℃	-20℃~80℃	
绝缘电阻 Insulation resistance			>50MΩ	>50MΩ	>50MΩ	

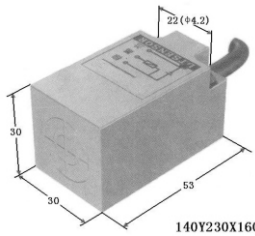
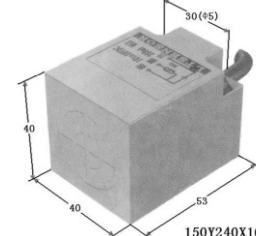
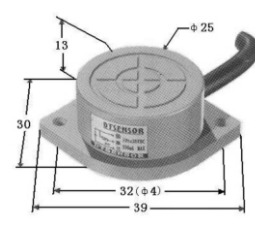
电感式接近开关型号说明（可与欧姆龙直接替换）

Model description of inductance approach switch (this type of products be used to replace the OMRON products directly)

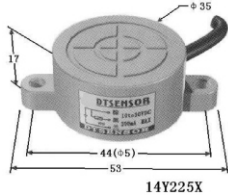
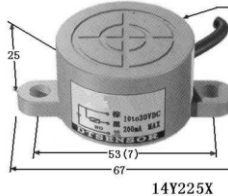
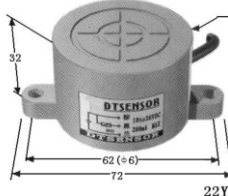
外形及几何尺寸 Overall dimensions						
埋入式 flush type	感应距离 Inductance distance					
	直流 DC	NPN	常开NO			
			常闭NC			
			常开+常闭NO+NC			
		PNP	常开NO			
			常闭NC			
			常开+常闭NO+NC			
	二线制 Two-wire	常开NO				
		常闭NC				
	交流 AC	二线制 Two-wire	常开NO			
常闭NC						
非埋入式 Non-flush type	感应距离 Inductance distance		5mm	5mm	5mm	
	直流 DC	NPN	常开NO	TL-Q5MC1	TL-N5ME1	TL-N7ME1
			常闭NC	TL-Q5MC2	TL-N5ME2	TL-N7ME2
			常开+常闭NO+NC			
		PNP	常开NO	TL-Q5MF1	TL-N5MF1	TL-N7MF1
			常闭NC	TL-Q5MF2	TL-N5MF2	TL-N7MF2
			常开+常闭NO+NC			
	二线制 Two-wire	常开NO	TL-Q5MD1	TL-N5MD1	TL-N7MD1	
		常闭NC	TL-Q5MD2	TL-N5MD2	TL-N7MD2	
	交流 AC	二线制 Two-wire	常开NO	TL-Q5MY1	TL-N5MY1	TL-N7MY1
			常闭NC	TL-Q5MY2	TL-N5MY2	TL-N7MY2
	外壳材料 Material of housing			塑料 Plastic	塑料 Plastic	塑料 Plastic
	防护等级 Protection degree			IP67	IP67	IP67
使用环境温度 Operating ambient temperature			-20℃~80℃	-20℃~80℃	-20℃~80℃	
绝缘电阻 Insulation resistance			>50M Ω	>50M Ω	>50M Ω	

电感式接近开关型号说明（可与欧姆龙直接替换）

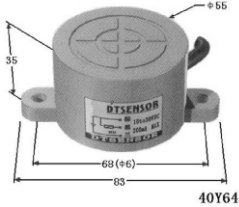
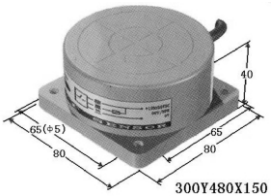
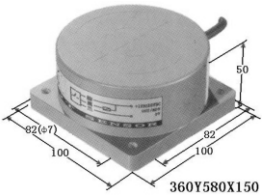
Model description of inductance approach switch (this type of products be used to replace the OMRON products directly)

外形及几何尺寸 Overall dimensions						
埋入式 flush type	感应距离 Inductance distance					
	直流 DC	NPN	常开NO			
			常闭NC			
			常开+常闭NO+NC			
		PNP	常开NO			
			常闭NC			
			常开+常闭NO+NC			
	二线制 Two-wire	常开NO				
		常闭NC				
	交流 AC	二线制 Two-wire	常开NO			
常闭NC						
非埋入式 Non-flush type	感应距离 Inductance distance		10mm	20mm	10mm	
	直流 DC	NPN	常开NO	TL-N10ME1	TL-N20ME1	LJ25M4-10-Z/BX
			常闭NC	TL-N10ME2	TL-N20ME2	LJ25M4-10-Z/AX
			常开+常闭NO+NC			
		PNP	常开NO	TL-N10MF1	TL-N20MF1	LJ25M4-10-Z/BY
			常闭NC	TL-N10MF2	TL-N20MF2	LJ25M4-10-Z/AY
			常开+常闭NO+NC			
		二线制 Two-wire	常开NO	TL-N10MD1	TL-N20MD1	LJ25M4-10-Z/EX
			常闭NC	TL-N10MD2	TL-N20MD2	LJ25M4-10-Z/DX
		交流 AC	二线制 Two-wire	常开NO	TL-N10MY1	TL-N20MY1
	常闭NC			TL-N10MY2	TL-N20MY2	LJ25M4-10-J/DZ
	外壳材料 Material of housing			塑料 Plastic	塑料 Plastic	塑料 Plastic
	防护等级 Protection degree			IP67	IP67	IP67
使用环境温度 Operating ambient temperature			-20℃~80℃	-20℃~80℃	-20℃~80℃	
绝缘电阻 Insulation resistance			>50M Ω	>50M Ω	>50M Ω	

电感式接近开关型号说明  
Model description of inductance approach switch

外形及几何尺寸 Overall dimensions						
埋入式 flush type	感应距离 Inductance distance					
	直流 DC	NPN	常开NO			
			常闭NC			
			常开+常闭NO+NC			
		PNP	常开NO			
			常闭NC			
			常开+常闭NO+NC			
	二线制 Two-wire	常开NO				
常闭NC						
交流 AC	二线制 Two-wire	常开NO				
		常闭NC				
非埋入式 Non-flush type	感应距离 Inductance distance		15mm	20mm	20mm	
	直流 DC	NPN	常开NO	LJ35M4-15-Z/BX	LJ42M4-20-Z/BX	LJ48M4-20-Z/BX
			常闭NC	LJ35M4-15-Z/AX	LJ42M4-20-Z/AX	LJ48M4-20-Z/AX
			常开+常闭NO+NC			
		PNP	常开NO	LJ35M4-15-Z/BY	LJ42M4-20-Z/BY	LJ48M4-20-Z/BY
			常闭NC	LJ35M4-15-Z/AY	LJ42M4-20-Z/AY	LJ48M4-20-Z/AY
			常开+常闭NO+NC			
	二线制 Two-wire	常开NO	LJ35M4-15-Z/EX	LJ42M4-20-Z/EX	LJ48M4-20-Z/EX	
		常闭NC	LJ35M4-15-Z/DX	LJ42M4-20-Z/DX	LJ48M4-20-Z/DX	
	交流 AC	二线制 Two-wire	常开NO	LJ35M4-15-J/EZ	LJ42M4-20-J/EZ	LJ48M4-20-J/EZ
			常闭NC	LJ35M4-15-J/DZ	LJ42M4-20-J/DZ	LJ48M4-20-J/DZ
外壳材料 Material of housing			塑料 Plastic	塑料 Plastic	塑料 Plastic	
防护等级 Protection degree			IP67	IP67	IP67	
使用环境温度 Operating ambient temperature			-20℃ ~ 80℃	-20℃ ~ 80℃	-20℃ ~ 80℃	
绝缘电阻 Insulation resistance			>50M Ω	>50M Ω	>50M Ω	

电感式接近开关型号说明  
Model description of inductance approach switch

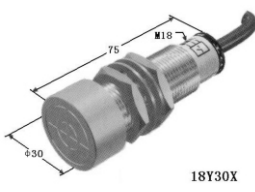
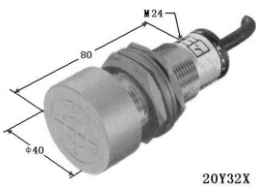
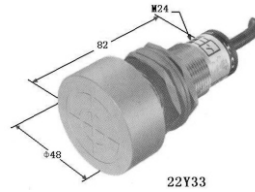
外形及几何尺寸 Overall dimensions						
埋入式 flush type	感应距离 Inductance distance			35mm	40mm	
	直流 DC	NPN	常开NO	LJ80M4-35-Z/BX	LJ100M4-40-Z/BX	
			常闭NC	LJ80M4-35-Z/AX	LJ100M4-40-Z/AX	
			常开+常闭NO+NC	LJ80M4-35-Z/CX	LJ100M4-40-Z/CX	
		PNP	常开NO	LJ80M4-35-Z/BY	LJ100M4-40-Z/BY	
			常闭NC	LJ80M4-35-Z/AY	LJ100M4-40-Z/AY	
			常开+常闭NO+NC	LJ80M4-35-Z/CY	LJ100M4-40-Z/CY	
	二线制 Two-wire	常开NO	LJ80M4-35-Z/EX	LJ100M4-40-Z/EX		
		常闭NC	LJ80M4-35-Z/DX	LJ100M4-40-Z/DX		
	交流 AC	二线制 Two-wire	常开NO	LJ80M4-35-J/EZ	LJ100M4-40-J/EZ	
常闭NC			LJ80M4-35-J/DZ	LJ100M4-40-J/DZ		
非埋入式 Non-flush type	感应距离 Inductance distance		25mm	40mm	50mm	
	直流 DC	NPN	常开NO	LJ55M4-25-Z/BX	LJ80M4-40-Z/BX	LJ100M4-50-Z/BX
			常闭NC	LJ55M4-25-Z/AX	LJ80M4-40-Z/AX	LJ100M4-50-Z/AX
			常开+常闭NO+NC		LJ80M4-40-Z/CX	LJ100M4-50-Z/CX
		PNP	常开NO	LJ55M4-25-Z/BY	LJ80M4-40-Z/BY	LJ100M4-50-Z/BY
			常闭NC	LJ55M4-25-Z/AY	LJ80M4-40-Z/AY	LJ100M4-50-Z/AY
			常开+常闭NO+NC		LJ80M4-40-Z/CY	LJ100M4-50-Z/CY
	二线制 Two-wire	常开NO	LJ55M4-25-Z/EX	LJ80M4-40-Z/EX	LJ100M4-50-Z/EX	
		常闭NC	LJ55M4-25-Z/DX	LJ80M4-40-Z/DX	LJ100M4-50-Z/DX	
	交流 AC	二线制 Two-wire	常开NO	LJ55M4-25-J/EZ	LJ80M4-40-J/EZ	LJ100M4-50-J/EZ
常闭NC			LJ55M4-25-J/DZ	LJ80M4-40-J/DZ	LJ100M4-50-J/DZ	
外壳材料 Material of housing			塑料 Plastic	塑料 Plastic	塑料 Plastic	
防护等级 Protection degree			IP67	IP67	IP67	
使用环境温度 Operating ambient temperature			-20℃ ~ 80℃	-20℃ ~ 80℃	-20℃ ~ 80℃	
绝缘电阻 Insulation resistance			>50M Ω	>50M Ω	>50M Ω	

电感式接近开关型号说明  
Model description of inductance approach switch

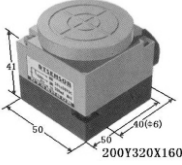
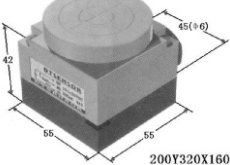
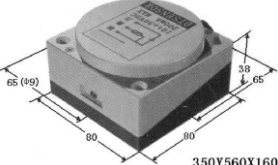
外形及几何尺寸 Overall dimensions						
埋入式 flush type	感应距离 Inductance distance		50mm	60mm	90mm	
	直流 DC	NPN	常开NO	LJ120M4-50-Z/BX	LJ140M4-60-Z/BX	LJ210M4-90-Z/BX
			常闭NC	LJ120M4-50-Z/AX	LJ140M4-60-Z/AX	LJ210M4-90-Z/AX
			常开+常闭NO+NC	LJ120M4-50-Z/CX	LJ140M4-60-Z/CX	LJ210M4-90-Z/CX
		PNP	常开NO	LJ120M4-50-Z/BY	LJ140M4-60-Z/BY	LJ210M4-90-Z/BY
			常闭NC	LJ120M4-50-Z/AY	LJ140M4-60-Z/AY	LJ210M4-90-Z/AY
			常开+常闭NO+NC	LJ120M4-50-Z/CY	LJ140M4-60-Z/CY	LJ210M4-90-Z/CY
	二线制 Two-wire	常开NO	LJ120M4-50-Z/EX	LJ140M4-60-Z/EX	LJ210M4-90-Z/EX	
		常闭NC	LJ120M4-50-Z/DX	LJ140M4-60-Z/DX	LJ210M4-90-Z/DX	
	交流 AC	二线制 Two-wire	常开NO	LJ120M4-50-J/EZ	LJ140M4-60-J/EZ	LJ210M4-90-J/EZ
常闭NC			LJ120M4-50-J/DZ	LJ140M4-60-J/DZ	LJ210M4-90-J/DZ	
非埋入式 Non-flush type	感应距离 Inductance distance		60mm	80mm	120mm	
	直流 DC	NPN	常开NO	LJ120M4-60-Z/BX	LJ140M4-80-Z/BX	LJ210M4-120-Z/BX
			常闭NC	LJ120M4-60-Z/AX	LJ140M4-80-Z/AX	LJ210M4-120-Z/AX
			常开+常闭NO+NC	LJ120M4-60-Z/CX	LJ140M4-80-Z/CX	LJ210M4-120-Z/CX
		PNP	常开NO	LJ120M4-60-Z/BY	LJ140M4-80-Z/BY	LJ210M4-120-Z/BY
			常闭NC	LJ120M4-60-Z/AY	LJ140M4-80-Z/AY	LJ210M4-120-Z/AY
			常开+常闭NO+NC	LJ120M4-60-Z/CY	LJ140M4-80-Z/CY	LJ210M4-120-Z/CY
	二线制 Two-wire	常开NO	LJ120M4-60-Z/EX	LJ140M4-80-Z/EX	LJ210M4-120-Z/EX	
		常闭NC	LJ120M4-60-Z/DX	LJ140M4-80-Z/DX	LJ210M4-120-Z/DX	
	交流 AC	二线制 Two-wire	常开NO	LJ120M4-60-J/EZ	LJ140M4-80-J/EZ	LJ210M4-120-J/EZ
常闭NC			LJ120M4-60-J/DZ	LJ140M4-80-J/DZ	LJ210M4-120-J/DZ	
外壳材料 Material of housing			塑料 Plastic	塑料 Plastic	塑料 Plastic	
防护等级 Protection degree			IP67	IP67	IP67	
使用环境温度 Operating ambient temperature			-20℃ ~ 80℃	-20℃ ~ 80℃	-20℃ ~ 80℃	
绝缘电阻 Insulation resistance			>50M Ω	>50M Ω	>50M Ω	



电感式接近开关型号说明  
Model description of inductance approach switch

外形及几何尺寸 Overall dimensions						
埋入式 flush type	感应距离 Inductance distance					
	直流 DC	NPN	常开NO			
			常闭NC			
			常开+常闭NO+NC			
		PNP	常开NO			
			常闭NC			
			常开+常闭NO+NC			
	二线制 Two-wire	常开NO				
		常闭NC				
	交流 AC	二线制 Two-wire	常开NO			
常闭NC						
非埋入式 Non-flush type	感应距离 Inductance distance		15mm	20mm	25mm	
	直流 DC	NPN	常开NO	SM-3015NA	SM-3020NA	SM-3025NA
			常闭NC	SM-3015NB	SM-3020NB	SM-3025NB
			常开+常闭NO+NC	SM-3015NC	SM-3020NC	SM-3025NC
		PNP	常开NO	SM-3015PA	SM-3020PA	SM-3025PA
			常闭NC	SM-3015PB	SM-3020PB	SM-3025PB
			常开+常闭NO+NC	SM-3015PC	SM-3020PC	SM-3025PC
		二线制 Two-wire	常开NO	SM-3015LA	SM-3020LA	SM-3025LA
			常闭NC	SM-3015LB	SM-3020LB	SM-3025LB
		交流 AC	二线制 Two-wire	常开NO	SM-2015A	SM-2020A
	常闭NC			SM-2015B	SM-2020B	SM-2025B
	外壳材料 Material of housing			黄铜+塑料 Brass + plastic	黄铜+塑料 Brass + plastic	黄铜+塑料 Brass + plastic
	防护等级 Protection degree			IP67	IP67	IP67
	使用环境温度 Operating ambient temperature			-20℃~80℃	-20℃~80℃	-20℃~80℃
绝缘电阻 Insulation resistance			>50MΩ	>50MΩ	>50MΩ	

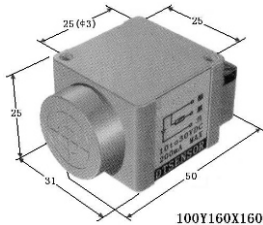
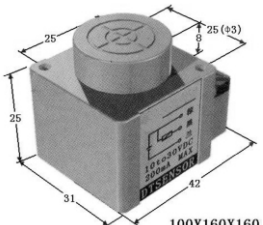
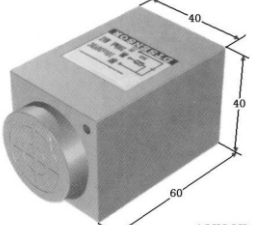
电感式接近开关型号说明  
Model description of inductance approach switch

外形及几何尺寸 Overall dimensions						
埋入式 flush type	感应距离 Inductance distance					
	直流 DC	NPN	常开NO			
			常闭NC			
			常开+常闭NO+NC			
		PNP	常开NO			
			常闭NC			
			常开+常闭NO+NC			
	二线制 Two-wire	常开NO				
		常闭NC				
	交流 AC	二线制 Two-wire	常开NO			
常闭NC						
非埋入式 Non-flush type	感应距离 Inductance distance		25mm	25mm	40mm	
	直流 DC	NPN	常开NO	LJ50B4-25-Z/BX	LJ55B4-25-Z/BX	LJ79B4-40-Z/BX
			常闭NC	LJ50B4-25-Z/AX	LJ55B4-25-Z/AX	LJ79B4-40-Z/AX
			常开+常闭NO+NC			
		PNP	常开NO	LJ50B4-25-Z/BY	LJ55B4-25-Z/BY	LJ79B4-40-Z/BY
			常闭NC	LJ50B4-25-Z/AY	LJ55B4-25-Z/AY	LJ79B4-40-Z/AY
			常开+常闭NO+NC			
	二线制 Two-wire	常开NO	LJ50B4-25-Z/EX	LJ55B4-25-Z/EX	LJ79B4-40-Z/EX	
		常闭NC	LJ50B4-25-Z/DX	LJ55B4-25-Z/DX	LJ79B4-40-Z/DX	
	交流 AC	二线制 Two-wire	常开NO	LJ50B4-25-J/EZ	LJ55B4-25-J/EZ	LJ79B4-40-J/EZ
			常闭NC	LJ50B4-25-J/DZ	LJ55B4-25-J/DZ	LJ79B4-40-J/DZ
	外壳材料 Material of housing			塑料 Plastic	塑料 Plastic	塑料 Plastic
	防护等级 Protection degree			IP65	IP65	IP65
使用环境温度 Operating ambient temperature			-20℃~80℃	-20℃~80℃	-20℃~80℃	
绝缘电阻 Insulation resistance			>50MΩ	>50MΩ	>50MΩ	

电感式接近开关型号说明  
Model description of inductance approach switch

外形及几何尺寸 Overall dimensions						
埋入式 flush type	感应距离 Inductance distance		5mm	15mm	15mm	
	直流 DC	NPN	常开NO	LJ24B4-5-Z/BX	LJ39B4-15-Z/BX	LJ40B4-15-Z/BX
			常闭NC	LJ24B4-5-Z/AX	LJ39B4-15-Z/AX	LJ40B4-15-Z/AX
			常开+常闭NO+NC			LJ40B4-15-Z/CX
		PNP	常开NO	LJ24B4-5-Z/BY	LJ39B4-15-Z/BY	LJ40B4-15-Z/BY
			常闭NC	LJ24B4-5-Z/AY	LJ39B4-15-Z/AY	LJ40B4-15-Z/AY
			常开+常闭NO+NC			LJ40B4-15-Z/CY
	二线制 Two-wire	常开NO	LJ24B4-5-Z/EX	LJ39B4-15-Z/EX	LJ40B4-15-Z/EX	
		常闭NC	LJ24B4-5-Z/DX	LJ39B4-15-Z/DX	LJ40B4-15-Z/DX	
	交流 AC	二线制 Two-wire	常开NO	LJ24B4-5-J/EZ	LJ39B4-15-J/EZ	LJ40B4-15-J/EZ
常闭NC			LJ24B4-5-J/DZ	LJ39B4-15-J/DZ	LJ40B4-15-J/DZ	
非埋入式 Non-flush type	感应距离 Inductance distance		8mm	20mm	20mm	
	直流 DC	NPN	常开NO	LJ24B4-8-Z/BX	LJ39B4-20-Z/BX	LJ40B4-20-Z/BX
			常闭NC	LJ24B4-8-Z/AX	LJ39B4-20-Z/AX	LJ40B4-20-Z/AX
			常开+常闭NO+NC			LJ40B4-20-Z/CX
		PNP	常开NO	LJ24B4-8-Z/BY	LJ39B4-20-Z/BY	LJ40B4-20-Z/BY
			常闭NC	LJ24B4-8-Z/AY	LJ39B4-20-Z/AY	LJ40B4-20-Z/AY
			常开+常闭NO+NC			LJ40B4-20-Z/CY
	二线制 Two-wire	常开NO	LJ24B4-8-Z/EX	LJ39B4-20-Z/EX	LJ40B4-20-Z/EX	
		常闭NC	LJ24B4-8-Z/DX	LJ39B4-20-Z/DX	LJ40B4-20-Z/DX	
	交流 AC	二线制 Two-wire	常开NO	LJ24B4-8-J/EZ	LJ39B4-20-J/EZ	LJ40B4-20-J/EZ
常闭NC			LJ24B4-8-J/DZ	LJ39B4-20-J/DZ	LJ40B4-20-J/DZ	
外壳材料 Material of housing			塑料 Plastic	塑料 Plastic	塑料 Plastic	
防护等级 Protection degree			IP67	IP65	IP65	
使用环境温度 Operating ambient temperature			-20℃ ~ 80℃	-20℃ ~ 80℃	-20℃ ~ 80℃	
绝缘电阻 Insulation resistance			>50M Ω	>50M Ω	>50M Ω	

电感式接近开关型号说明  
Model description of inductance approach switch

外形及几何尺寸 Overall dimensions						
埋入式 flush type	感应距离 Inductance distance					
	直流 DC	NPN	常开NO			
			常闭NC			
			常开+常闭NO+NC			
		PNP	常开NO			
			常闭NC			
			常开+常闭NO+NC			
	二线制 Two-wire	常开NO				
		常闭NC				
	交流 AC	二线制 Two-wire	常开NO			
常闭NC						
非埋入式 Non-flush type	感应距离 Inductance distance		5mm	5mm	15mm	
	直流 DC	NPN	常开NO	LJ25B4-5-Z/BX	LJ25B4A-5-Z/BX	LJ41B4-15-Z/BX
			常闭NC	LJ25B4-5-Z/AX	LJ25B4A-5-Z/AX	LJ41B4-15-Z/AX
			常开+常闭NO+NC			
		PNP	常开NO	LJ25B4-5-Z/BY	LJ25B4A-5-Z/BY	LJ41B4-15-Z/BY
			常闭NC	LJ25B4-5-Z/AY	LJ25B4A-5-Z/AY	LJ41B4-15-Z/AY
			常开+常闭NO+NC			
	二线制 Two-wire	常开NO	LJ25B4-5-Z/EX	LJ25B4A-5-Z/EX	LJ41B4-15-Z/EX	
		常闭NC	LJ25B4-5-Z/DX	LJ25B4A-5-Z/DX	LJ41B4-15-Z/DX	
	交流 AC	二线制 Two-wire	常开NO	LJ25B4-5-J/EZ	LJ25B4A-5-J/EZ	LJ41B4-15-J/EZ
			常闭NC	LJ25B4-5-J/DZ	LJ25B4A-5-J/DZ	LJ41B4-15-J/DZ
	外壳材料 Material of housing			塑料 Plastic	塑料 Plastic	塑料 Plastic
	防护等级 Protection degree			IP65	IP65	IP65
使用环境温度 Operating ambient temperature			-20℃ ~ 80℃	-20℃ ~ 80℃	-20℃ ~ 80℃	
绝缘电阻 Insulation resistance			>50M Ω	>50M Ω	>50M Ω	

电感式接近开关型号说明  
Model description of inductance approach switch

外形及几何尺寸 Overall dimensions					
埋入式 flush type	感应距离 Inductance distance			15mm	15mm
	直流 DC	NPN	常开NO	LJ43B4-40-Z/BX	LJ43B4A-15-Z/BX
			常闭NC	LJ43B4-40-Z/AX	LJ43B4A-15-Z/AX
			常开+常闭NO+NC		
		PNP	常开NO	LJ43B4-40-Z/BY	LJ43B4A-15-Z/BY
			常闭NC	LJ43B4-40-Z/AY	LJ43B4A-15-Z/AY
			常开+常闭NO+NC		
	二线制 Two-wire	常开NO	LJ43B4-40-Z/EX	LJ43B4A-15-Z/EX	
		常闭NC	LJ43B4-40-Z/DX	LJ43B4A-15-Z/DX	
	交流 AC	二线制 Two-wire	常开NO	LJ43B4-40-J/EZ	LJ43B4A-15-J/EZ
常闭NC			LJ43B4-40-J/DZ	LJ43B4A-15-J/DZ	
非埋入式 Non-flush type	感应距离 Inductance distance		40mm		
	直流 DC	NPN	常开NO	LJ80B4-40-Z/BX	
			常闭NC	LJ80B4-40-Z/AX	
			常开+常闭NO+NC	LJ80B4-40-Z/CX	
		PNP	常开NO	LJ80B4-40-Z/BY	
			常闭NC	LJ80B4-40-Z/AY	
			常开+常闭NO+NC	LJ80B4-40-Z/CY	
	二线制 Two-wire	常开NO	LJ80B4-40-Z/EX		
		常闭NC	LJ80B4-40-Z/DX		
	交流 AC	二线制 Two-wire	常开NO	LJ80B4-40-J/EZ	
常闭NC			LJ80B4-40-J/DZ		
外壳材料 Material of housing			塑料 Plastic	塑料 Plastic	塑料 Plastic
防护等级 Protection degree			IP67	IP65	IP65
使用环境温度 Operating ambient temperature			-20℃~80℃	-20℃~80℃	-20℃~80℃
绝缘电阻 Insulation resistance			>50MΩ	>50MΩ	>50MΩ