



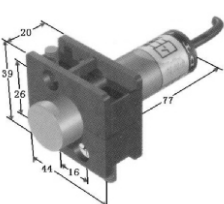
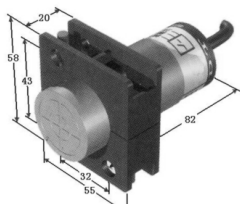


● 1.7 电容式接近传感器 Capacitance proximity sensor

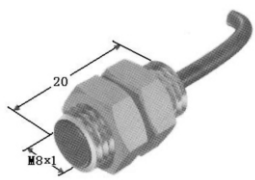
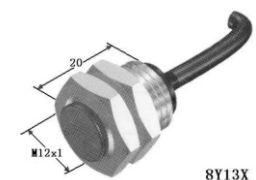
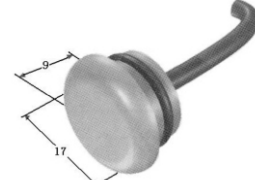
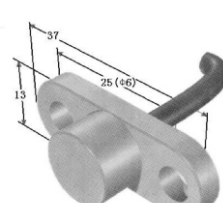
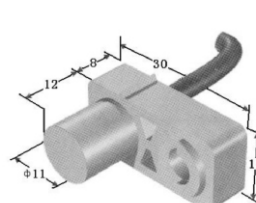
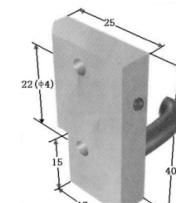
1.7.1 电容式接近传感器的技术参数 Technical parameters of capacitance proximity sensor

回差 Return difference	检测距离的10%以下 10% below of detection distance	
检测物体 Detected object	任何物体 Any object	
响应频率 Response frequency	50Hz	
电源电压 (使用电压范围) Mains voltage (range of working voltage)	直流型: DC:10~24V 脉动 (P-P) 10%以下 交流型: AC: 90~250V DC10~24V impulse (P-P) 10% below AC: 90~250V (DC10~30V)	
控制 输出 Control output	开关容量 Switching capacity	直流型: 200mA 交流型: 400mA DC: 200mA AC: 400mA
	残余电压 Residual voltage	直溜型: 1.5V以下 交流型: 7V以下 DC: 1.5V below AC: 7V below
消耗电流 Current consumption	直流三线: 13mA以下 DC three-wire: 13mA below	
漏电流 Leakage current	直流三线: 0.05mA以下 DC three-wire: 0.05mA below	交流二线: 2mA以下 AC twewire: 2mA below
环境温度 Ambient temperature	动作时: -20~80℃ 保存时: -40~85℃ (不结露、不结冰) Operation: -20~80℃ Storage: -40~85℃ (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	

1.7.2电容式接近传感器产品型号介绍
Model description of capacitance proximity sensor

外形及几何尺寸 Overall dimensions						
具各型号Present model	感应距离 Inductance distance		4mm(可调Adjustable)	8mm(可调Adjustable)	10mm(可调Adjustable)	
	直流 DC	NPN	常开NO	CJ12A3-A-Z/BX	CJ18A3-B-Z/BX	CJ24A3-Z/BX
			常闭NC	CJ12A3-A-Z/AX	CJ18A3-B-Z/AX	CJ24A3-Z/AX
			常开+常闭NO+NC		CJ18A3-B-Z/CX	CJ24A3-Z/CX
		PNP	常开NO	CJ12A3-A-Z/BY	CJ18A3-B-Z/BY	CJ24A3-Z/BY
			常闭NC	CJ12A3-A-Z/AY	CJ18A3-B-Z/AY	CJ24A3-Z/AY
			常开+常闭NO+NC		CJ18A3-B-Z/CY	CJ24A3-Z/CY
	交流 AC	二线制 Twwire	常开NO	CJ12A3-A-J/EZ	CJ18A3-B-J/EZ	CJ24A3-J/EZ
			常闭NC	CJ12A3-A-J/DZ	CJ18A3-B-J/DZ	CJ24A3-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	
外形及几何尺寸 Overall dimensions						
具各型号Present model	感应距离 Inductance distance		15mm(可调Adjustable)	8mm(可调Adjustable)	25mm(可调Adjustable)	
	直流 DC	NPN	常开NO	CJ30A3-H-Z/BX	CJ20A3-B-Z/BX	CJ34A3-K-Z/BX
			常闭NC	CJ30A3-H-Z/AX	CJ20A3-B-Z/AX	CJ34A3-K-Z/AX
			常开+常闭NO+NC			
		PNP	常开NO	CJ30A3-H-Z/BY	CJ20A3-B-Z/BY	CJ34A3-K-Z/BY
			常闭NC	CJ30A3-H-Z/AY	CJ20A3-B-Z/AY	CJ34A3-K-Z/AY
			常开+常闭NO+NC			
	交流 AC	二线制 Twwire	常开NO	CJ30A3-H-J/EZ	CJ20A3-B-J/EZ	CJ34A3-K-J/EZ
			常闭NC	CJ30A3-H-J/DZ	CJ20A3-B-J/DZ	CJ34A3-K-J/DZ
	外壳材料Material of housing			黄铜Brass	塑料Plastic	塑料Plastic
防护等级Protection degree			IP67	IP67	IP67	

1.7.3 电容式接近传感器产品型号介绍
Midek descruotuib of capacitance proximity sensor

外形及几何尺寸 Overall dimensions						
具备型号 Present model	感应距离 Inductance distance			10mm	10mm	10mm
	直流 DC	NPN	常开NO	SJ8A3-10-Z/BX	SJ12A3-10-Z/BX	SJ17A3-10-Z/BX
			常闭NC	SJ8A3-10-Z/AX	SJ12A3-10-Z/AX	SJ17A3-10-Z/AX
		PNP	常开NO	SJ8A3-10-Z/BY	SJ12A3-10-Z/BY	SJ17A3-10-Z/BY
			常闭NC	SJ8A3-10-Z/AY	SJ12A3-10-Z/AY	SJ17A3-10-Z/AY
外壳材料Material of housing				黄铜 Brass	黄铜Brass	塑料 Plastic
响应频率Response frequency				≥5KHz	≥5KHz	≥5KHz
工作环境温度 Working environment temperature				-20℃~80℃	-20℃~80℃	-20℃~80℃
外形及几何尺寸 Overall dimensions						
具备型号 Present model	感应距离 Inductance distance			10mm	10mm	10mm
	直流 DC	NPN	常开NO	SJ13A3-10-Z/BX	SJ11A3-10-Z/BX	SJ22A3-10-Z/BX
			常闭NC	SJ13A3-10-Z/AX	SJ11A3-10-Z/AX	SJ22A3-10-Z/AX
		PNP	常开NO	SJ13A3-10-Z/BY	SJ11A3-10-Z/BY	SJ22A3-10-Z/BY
			常闭NC	SJ13A3-10-Z/AY	SJ11A3-10-Z/AY	SJ22A3-10-Z/AY
外壳材料Material of housing				塑料 Plastic	塑料Plastic	塑料Plastic
响应频率Response frequency				≥5KHz	≥5KHz	≥5KHz
工作环境温度 Working environment temperature				-20℃~80℃	-20℃~80℃	-20℃~80℃