

(Welding slay resistant) 防焊渣型



Project 项目	Specification(尺寸)	PL12Y		PL18Y		PL30Y	
	Mounting(安装方式)	Flushed(屏蔽)	Non-Flushed(非屏蔽)	Flushed(屏蔽)	Non-Flushed(非屏蔽)	Flushed(屏蔽)	Non-Flushed(非屏蔽)
	Model(型号)	PL12Y-02M□ A-E PL12Y-02M□ B-E	PL12Y-04F □ A-E PL12Y-04F □ B-E	PL18Y-05M□ A-E PL18Y-05M□ B-E	PL18Y-08F □ A-E PL18Y-08F □ B-E	PL30Y-10M□ A-E PL30Y-10M□ B-E	PL30Y-15F □ A-E PL30Y-15F □ B-E
Sensing distance(检测距离)		2mm±10%	4mm±10%	5mm±10%	8mm±10%	10mm±10%	15mm±10%
set distance(设定距离)		0~1.6mm	0~3.2mm	0~4mm	0~6.4mm	0~8mm	0~12mm
Hysteresis error(回差范围)		1~20%(sensing distance)/(检测距离的1~20%)					
Repeat accuracy(重复精度)		<3%(sensing distance)/(小于检测距离的3%)					
Output type(输出类型)		N:NPN, NA:NPN-NO, NB:NPN-NC, P:PNP, PA:PNP-NO, PB:PNP-NC					
Response frequency(响应频率)		1200Hz	800Hz	800Hz	500Hz	500Hz	300Hz
Standard target(标准检测体)		12X12X1t		18X18X1t	24X24X1t	30X30X1t	45X45X1t
Temperature effect(温度影响)		-40℃~120℃, within ±25% (+23℃ sensing distance)/(温度范围-40~120℃, +23℃ 时检测距离±25%以内)					
Power supply(电源电压)		DC12~24V impulse(p-p) <10% (DC10~30V)/DC12~24V 脉动(p-p) <10% (DC10~30V)					
Current consumption(消费电流)		<10mA		<15mA			
Voltage effect(电压影响)		<3%					
Residual voltage(残留电压)		<2.5V (load current 200mA & cable 2m) / 2.5V以下 (负载电流 200mA 及 导线 2米时)					
Load current(负载电流)		<200mA					
Circuit protection(回路保护)		Reverse Connection protection, Short circuit protection, electrical surge absorption/逆向连接保护 输出短路保护浪涌吸收					
Indicator light(显示灯)		Yellow LED(黄色指示灯)					
Leakage current(泄漏电流)		<100uA					
Connection (连接方式)		无N/A:标准导线2米Cable, E:M12接插件Connector					
Ambient temperature(环境温度)		Work&store:-40℃~120℃/(使用时及保存时: -40℃~120℃)					
Ambient humidity(环境湿度)		Work&store:35~95%/(使用时及保存时:35~95%)					
Anti-vibration(振动-耐久)		10~50Hz, Amplitude 1.5mm, X, Y, Z(2H)/(10~50Hz, 上下振幅 1.5mm, X, Y, Z各向2小时)					
Withstanding voltage(耐电压)		1000V AC, 50/60Hz 1min/(1000V AC, 50/60Hz 1分钟充电部整体与外壳间)					
Insulation resistance(绝缘电阻)		>500MΩ (DC500V megger) /500MΩ 以上(DC500V 插表)充电部整体与外壳间					
Protection degree(保护结构)		IEC IP67					
Housing material(外壳材质)		PTFE-copper alloy(黄铜镀特氟龙)					
Sensing Face(检测面)		PBT					

	PL12Y接插件型 (Connector) CAD数据	PL18Y接插件型 (Connector) CAD数据	PL30Y接插件型 (Connector) CAD数据
Dimension(尺寸图) (Unit/单位:mm)			