

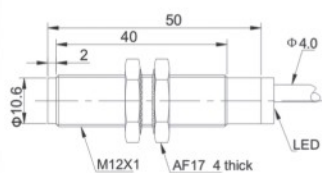
(Full metal housing)全金属系列



Project 项目	Specification(尺寸)	PL12J	PL18J	PL30J
	Mounting(安装方式)	Flushed(屏蔽)	Flushed(屏蔽)	Flushed(屏蔽)
	Model(型号)	PL12J-02M □ A PL12J-02M □ B	PL18J-05M □ A PL18J-05M □ B	PL30J-10M □ A PL30J-10M □ B
Sensing distance(检测距离)	2mm±10%	5mm±10%	10mm±10%	
set distance(设定距离)	0~1.6mm	0~4mm	0~8mm	
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 mode(输出方式)	N:NPN, P:PNP			
Output state(输出状态)	NO/NC			
Response frequency(响应频率)	600Hz	200Hz	100Hz	
Standard target(标准检测体)	12X12X1t	18X18X1t	30X30X1t	
Temperature effect(温度影响)	-25℃~70℃, within ±15% (+23℃ sensing distance)/(温度范围-25~70℃, +23℃ 时检测距离±15%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)	<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)	Cable (2m) /标准导线长2米			
Ambient temperature(环境温度)	Work&store:-25℃~70℃/(使用时及保存时: -25℃~70℃)			
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 摇表)充电部整体与外壳间			
Protection degree(保护结构)	IEC IP67			
Housing material(外壳材质)	Stainless steel full metal housing(不锈钢全金属封装)			

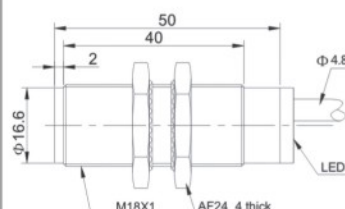
PL12J导线引出型(Wire)

CAD数据



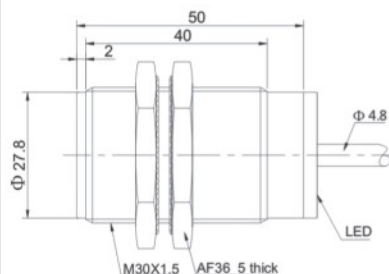
PL18J导线引出型(Wire)

CAD数据



PL30J导线引出型(Wire)

CAD数据



Dimension(尺寸图)
(Unit/单位:mm)