

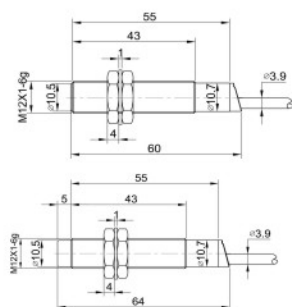


Project 项目	Specification(尺寸)	ML12		ML18		ML30	
	Mounting(安装方式)	Flushed(屏蔽)	Non-Flushed(非屏蔽)	Flushed(屏蔽)	Non-Flushed(非屏蔽)	Flushed(屏蔽)	Non-Flushed(非屏蔽)
	Model(型号)	ML12-02MLU/I ML12-02MLUI	ML12-04FLU/I ML12-04FLUI	ML18-05MLU/I ML18-05MLUI	ML18-08FLU/I ML18-08FLUI	ML18-05MLU/I ML18-05MLUI	ML18-08FLU/I ML18-08FLUI
Sensing distance(检测距离)		0.4~2mm	0.8~4mm	1~5mm	2~8mm	2~10mm	3~15mm
Output mode(输出方式)	0-10V, 0-20mA或(0-10V)+(0-20mA)可选optional						
Hysteresis error(回差范围)	±5%						
Repeat accuracy(重复精度)	<3%(sensing distance)/(小于检测距离的3%)						
Response frequency(响应频率)		200Hz	100Hz	200Hz	100Hz	200Hz	100Hz
Standard target(标准检测体)		12X12X1t		18X18X1t	24X24X1t	30X30X1t	45X45X1t
Temperature effect(温度影响)	-25℃~70℃, within ±20% (+23℃ sensing distance)/(温度范围-25℃~70℃, +23℃ 时检测距离±20%以内)						
Power supply(电源电压)	15-30V DC						
Current consumption(消费电流)	<20mA						
Voltage effect(电压影响)	<3%						
Residual voltage(残留电压)	—						
Load current(负载电流)	电压输出(Voltage output)R1≥4.7KΩ; 电流输出(Current output)R1≤470Ω						
Circuit protection(回路保护)	Reverse Connection protection, electrical surge absorption/逆向连接保护 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)	Nickel-copper alloy(黄铜镀镍)						
Sensing face(检测面)	PBT						

Dimension(尺寸图)
(Unit/单位:mm)

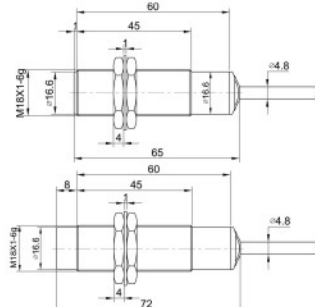
ML12导线引出型(Wire)

CAD数据



ML18导线引出型(Wire)

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ML30导线引出型(Wire)

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