

# Tubular Photo Sensor

# MMF

## ◆Shape/外觀：



## ◆Specifications / 規格表：

Model / 型號	<b>MMF-10</b> □ <b>MMF-20</b> □	<b>MMF-10</b> □ <b>K</b> <b>MMF-20</b> □ <b>K</b>	<b>MMF-10</b> □ <b>K1</b> <b>MMF-20</b> □ <b>K1</b>
Sensing type / 檢出方式	Through beam / 對照式		
Sensing distance / 檢出距離	10 M 20 M		
Emitting light / 發光源	Infrared LED 850 nm		
Operating voltage / 工作電壓	DC12 ~ 24 V		
Current Consumption / 消耗電流	45 mA Max.		
Load current / 負載電流	200mA Max. at DC24V		
Output type / 輸出模式	□N : NPN L.on/D.on / □P : PNP L.on/D.on		
Response time / 反應時間	1.5 ms Max.		
Insulation resistance / 隔離阻抗	20MΩ min. (DC500V)		
Voltage withstandability / 絕緣耐壓	AC1000V 60Hz for 60 Sec.		
Operating temperature/工作溫度	- 25 °C ~ + 55 °C		
Ambient humidity / 工作溼度	35% ~ 85% RH		
Protection degree / 防水等級	IP66		
Material / 外觀材質	Nickel plated brass		
Wiring method / 出線方式	RX:Pre-wired / 4-wires Ø5.2x2 M TX:Pre-wired / 2-wires Ø5.2x2 M	M12 pigtailed connector type / M12 接頭15cm電線式	M12 plug-in connector type / M12 接頭
Weight / 重量	Approx.210g	Approx.100g	Approx.80g

## ◆Dimensions/尺寸圖：

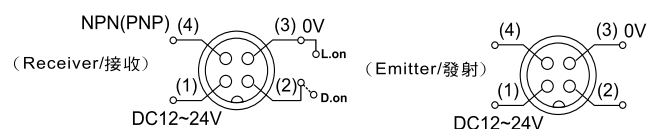
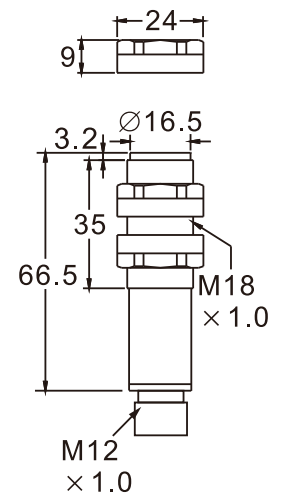
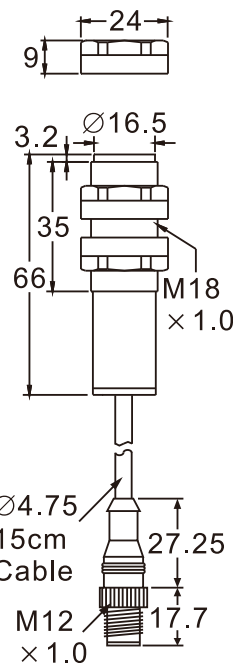
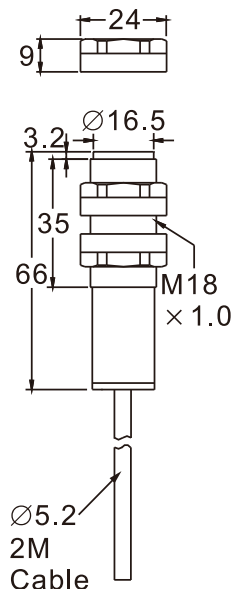


Photo Sensor

Area Sensor

Inductive Proximity Sensor

Capacitive Proximity Sensor

Timer / Counter

Others

Accessories