

Tubular Photo Sensor

MMF

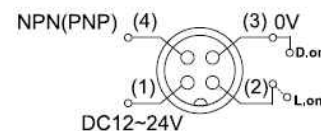
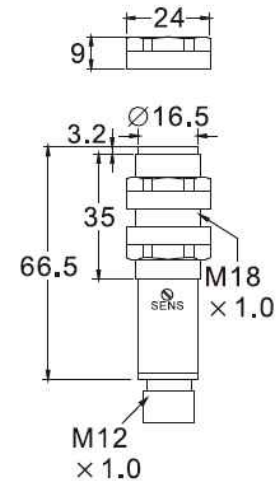
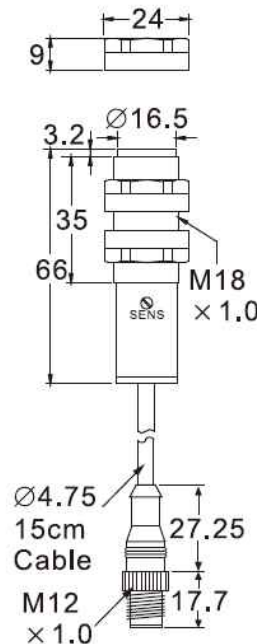
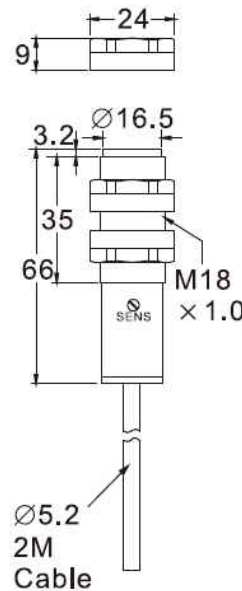
◆Shape/外觀：



◆Specifications / 規格表：

Model / 型號	MMF-DU10□ MMF-DU40□	MMF-DU10□K MMF-DU40□K	MMF-DU10□K1 MMF-DU40□K1
Sensing type / 檢出方式	Diffuse reflection / 擴散反射式		
Sensing distance / 檢出距離	10 cm 40 cm		
Emitting light / 發光源	Infrared LED 875 nm		
Operating voltage / 工作電壓	DC12 ~ 24 V		
Current Consumption / 消耗電流	25 mA Max.		
Load current / 負載電流	100mA 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	- 20 °C ~ + 60 °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	Pre-wired Ø5.2 x 2 M / 4-wires	M12 pigtailed connector type / M12 接頭15cm電線式	M12 plug-in connector type / M12 接頭
Weight / 重量	Approx.105g	Approx.50g	Approx.40g

◆Dimensions/尺寸圖：



Fiber

Photo Sensor

Area Sensor

Ultrasonic Sensors




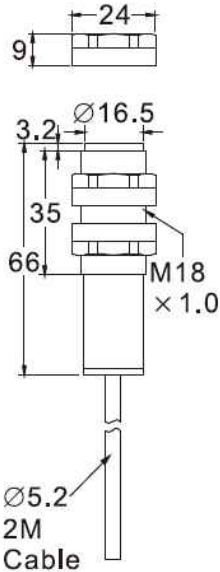
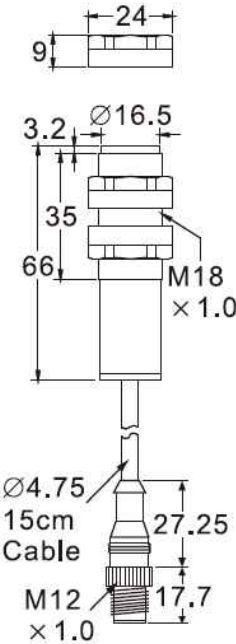
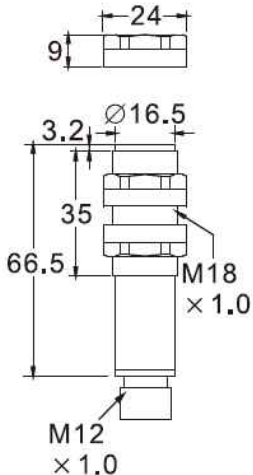
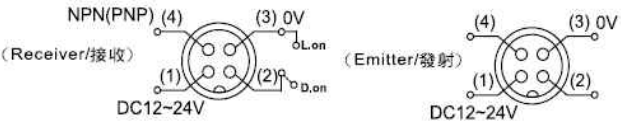
Inductive Proximity Sensor

Capacitive Proximity Sensor

Timer / Counter

Others

Accessories

Fiber	◆Shape/外觀：			
Photo Sensor	◆Specifications / 規格表：			
Area Sensor	Model / 型號	MMF-10□ MMF-20□	MMF-10□K MMF-20□K	MMF-10□K1 MMF-20□K1
Ultrasonic Sensors	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	100mA 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		
Inductive Proximity Sensor	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
Capacitive Proximity Sensor	◆Dimensions/尺寸圖：			
Timer / Counter				
Others				
Accessories				
				

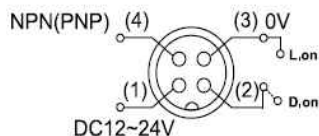
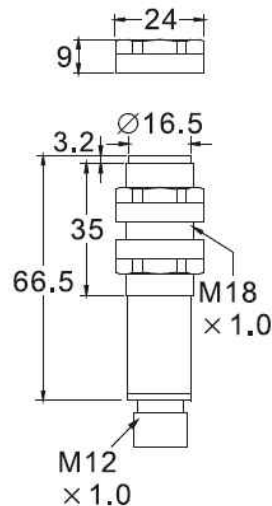
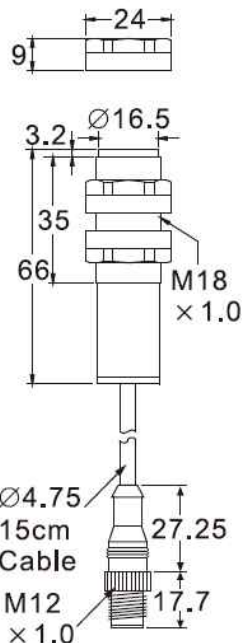
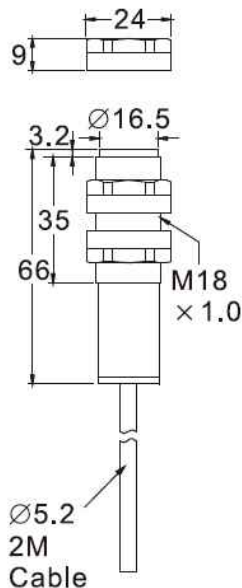
◆Shape/外觀：



◆Specifications / 規格表：

Model / 型號	MMF-CR2□	MMF-CR2□K	MMF-CR2□K1
Sensing type / 檢出方式	Retroreflective / 鏡片反射式		
Sensing distance / 檢出距離	2M		
Emitting light / 發光源	Infrared LED 940 nm		
Operating voltage / 工作電壓	DC12 ~ 24 V		
Current Consumption / 消耗電流	25 mA Max.		
Load current / 負載電流	100mA Max. at DC24V		
Output type / 輸出模式	□ : 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	- 20 °C ~ + 60 °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	Pre-wired Ø5.2 x 2 M / 4-wires	M12 pigtailed connector type / M12 接頭15cm電線式	M12 plug-in connector type / M12 接頭
Weight / 重量	Approx.105g	Approx.50g	Approx.40g

◆Dimensions/尺寸圖：



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