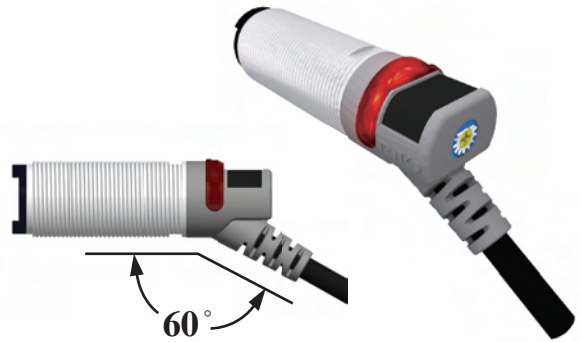


Tubular Photo Sensor

PMF

◆ Characteristic / 特點 :

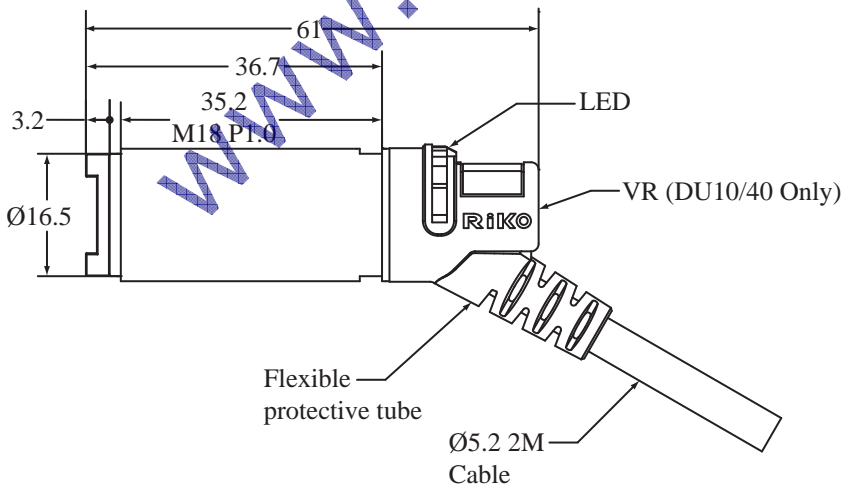
- 60 degree pre-wiring applied to vertical or horizontal positions.
/ 出線60度角，適用於垂直或水平。
- High brightness red LED indication makes you easy to know the operating situation.
/ 採用超高亮度紅色LED，更易於辨識感應器的使用狀態。
- Special line-out design for tensile. It will upgrade the durability and life.
/ 獨特的出線包覆設計，抗拉，提升耐用度及壽命。



◆ Specifications / 規格表 :

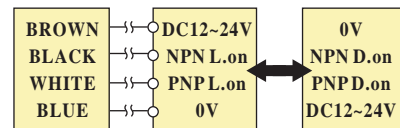
Model / 型號	PMF-DU10NP PMF-DU40NP	PMF-10NP PMF-20NP	PMF-R2NP
Sensing type / 檢出方式	Diffuse reflection / 擴散反射式	Through beam / 對照式	Retroreflective / 鏡片反射式
Sensing distance / 檢出距離	10 cm 40 cm	10 M 20 M	2M
Emitting light / 發光源	Infrared LED 850 nm	Infrared LED 850 nm	Infrared LED 850 nm
Operating voltage / 工作電壓	DC12 ~ 24 V		
Current Consumption / 消耗電流	20 mA Max.	(Receiver) 20 mA Max. (Emitter) 18mA Max.	20 mA Max.
Load current / 負載電流	100mA Max. at DC24V		
Output type / 輸出模式	NPN L.on/D.on PNP L.on/D.on		
Response time / 反應時間	1.5 ms Max.	7 ms Max.	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	ABS		
Wiring method / 出線方式	Pre-wired Ø5.2 x 2 M / 4-wires		
Option / 選購配件 (Page 252)	Bracket / 固定架 : MF-01		
Weight / 重量	Approx.85g	Approx.165g	Approx.85g

◆ Dimensions / 尺寸圖 : (unit:mm)



◆ Wiring diagrams / 接線圖 :

NP Output or Receiver



NP(Emitter)

