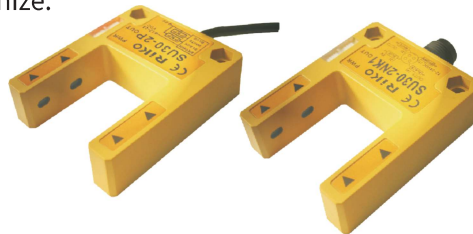


# U型光電

# U-shape Photo Sensor

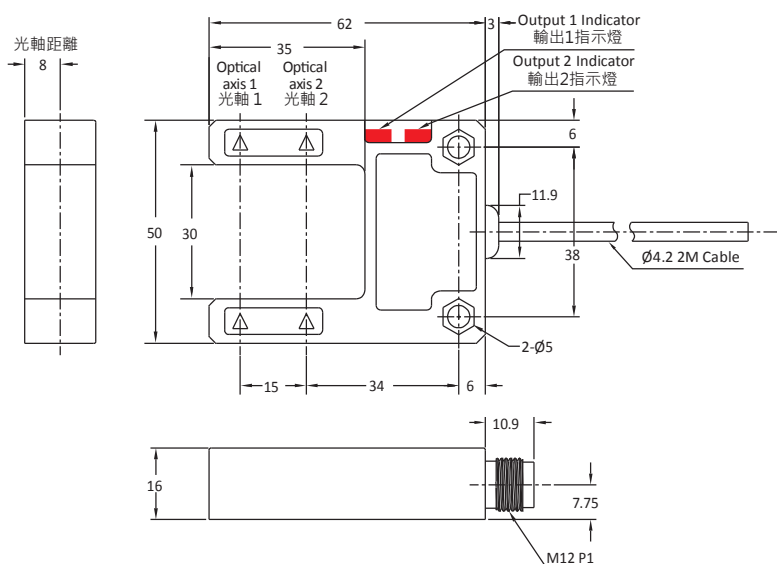
## Characteristic / 特點：

- Two indicators (OUT1 Indicator/OUT2 Indicator) Easy to recognize.  
/ 雙指示燈 (輸出1指示燈/輸出2指示燈) 容易辨認。
- The distance is 7mm between front edge and first optic axis.  
The distance is 15mm between two optic axes.  
/ 第一光軸與前端相距 7mm，兩光軸相距 15mm。
- Two optic axes react respectively.  
/ 兩光軸各自獨立感應。



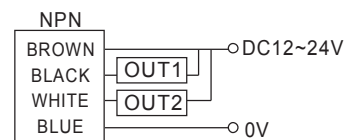
Model / 型號	NPN D.on	SU30-2N	SU30-2NK1
	PNP D.on	SU30-2P	SU30-2PK1
Sensing distance / 檢出距離	30 mm		
Min. detection object / 最小檢測物	Opaque / 非透明體 (Ø1.0 x 10.0mm)		
Emitting light / 發光源	Infrared LED 940 nm		
Operating voltage / 工作電壓	DC12 ~ 24 V		
Current consumption / 消耗電流	30 mA Max.		
Load current / 負載電流	100mA Max. at DC24V		
Response time / 反應頻率	1000 Hz		
Ambient illumination / 使用環境光源	Incandescent light / 白光 : 1,000 lux max.		
Insulation resistance / 隔離阻抗	20MΩ min. (DC500V)		
Voltage withstandability / 絕緣耐壓	AC500V 60Hz for 60 Sec.		
Operating temperature / 工作溫度範圍	-20°C ~ + 60°C (不可結霜, 結冰)		
Ambient humidity / 溼度範圍	35% ~ 85% RH 相對溼度		
Protection degree / 防水等級	IP64		
Vibration resistance / 耐震頻率	1.5 mm peak to peak amplitude, 10 to 55 Hz, 2 hours in X,Y and z directions 在 X、Y、Z 三軸方向，振幅間隔 1.5 mm，10~55Hz 持續 2 hrs.		
Shock resistance / 耐震度	50 G repeated 10 times each in X,Y and Z directions 在 X、Y、Z 三軸方向以 50g 力量震動 10 次		
Material / 外觀材質	PC		
Option / 選購配件	M12R-PVC-2M		
Wiring method / 出線方式	Pre-wired Ø4.2 x 2 M / 4-wires		M12 Plug-in connector type
Weight / 重量	86g		26g

## Dimensions / 尺寸圖 (mm)

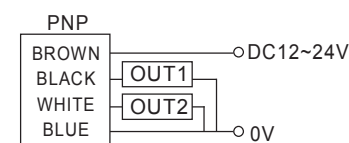


## Wiring diagrams / 接線圖

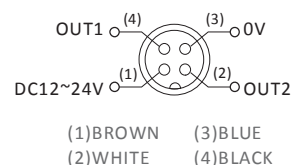
### 2N Output



### 2P Output



### 2 □ K1 Output



SU30

光電 / 光柵 / 超音波感測器

R5JM  
R3JK  
LK  
LRS  
PK3  
PKG3  
PK5  
PM6

PTQ18  
RMF  
MMF

SU07  
SU  
SU18  
SU30

SPR  
RX

OAP  
ASP

RU18