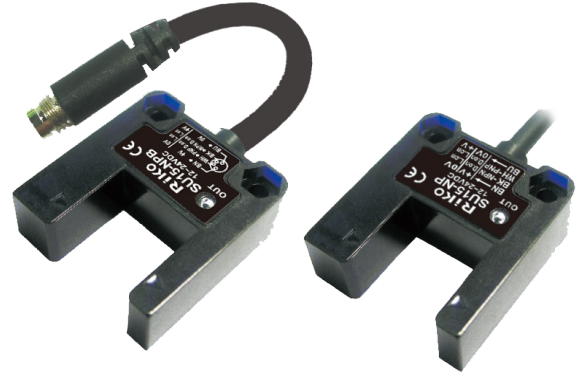


U-shape Photo Sensor

SU15

◆ Characteristic / 特點：

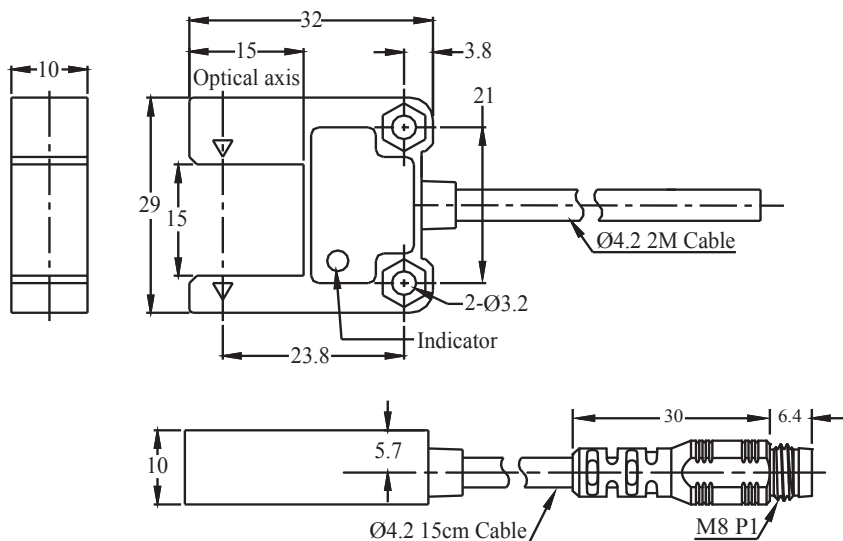
- High-speed response, 1 kHz (DC-light type)
/ 體積小, 反應速度快約1kHz。
- Wide vane, 15 mm (DC-light type)
/ 檢測距離15mm,適用於小物體檢測。
- SU15 has a better prevention of outside light.
/ SU15對外亂光干擾抵抗優。



◆ Specifications / 規格表：

Model / 型號	SU15-NP	SU15-NPB
Sensing distance / 檢出距離	15mm	
Min. detection object / 最小檢測物	Opaque / 非透明體 (Ø0.5 x 10.0mm)	
Emitting light / 發光源	Infrared LED 940nm	
Operating voltage / 工作電壓	DC12 ~ 24 V	
Current Consumption / 消耗電流	18 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 ms Max.	
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	-10℃ ~ + 55℃	
Ambient humidity/溼度範圍	45% ~ 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 each in X, Y, and Z directions	
Shock resistance / 耐震度	50G, repeated 10 times each in X, Y, and Z directions	
Material / 外觀材質	PC	
Wiring method / 出線方式	Pre-wired Ø4.2 x 2 M / 4-wires	M8 pigtailed type / M8接頭 15cm 電線式
Weight / 重量	Approx.55g	Approx35g

◆ Dimensions / 尺寸圖：(unit:mm)



◆ Wiring diagrams / 接線圖：

