

Rectangular Photo Sensor

PK3

◆ Characteristics / 特點 :

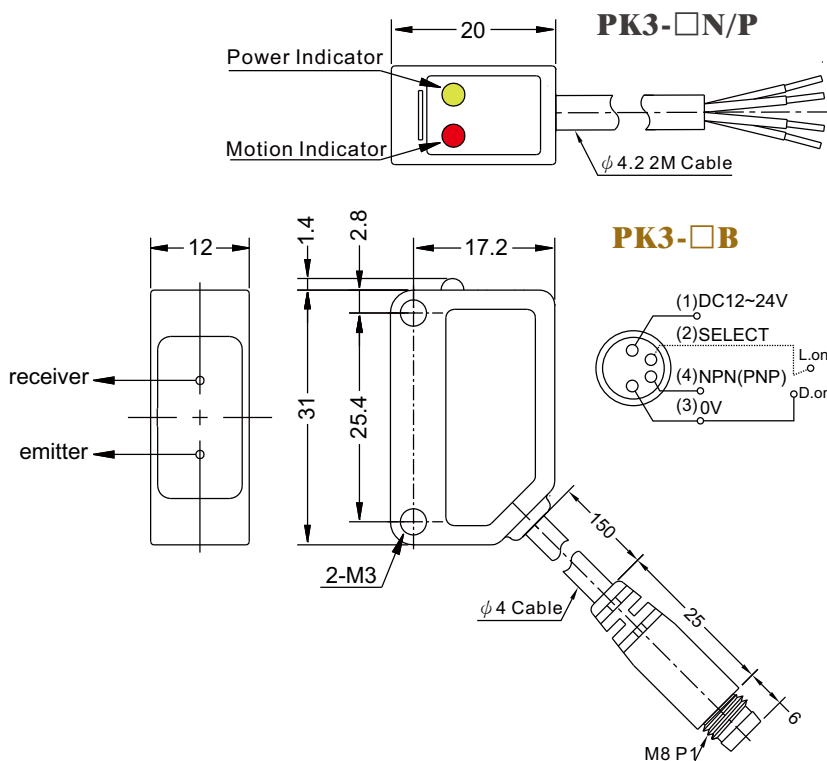
- Convergent reflection type.
/限定反射型
- Not affected by colors or albedo. Any objects can be detected.
/不受顏色及反射率的影響，可來測全何被測物。
- Suitable for the stable detection of PCB.
/適用於PCB的穩定檢測



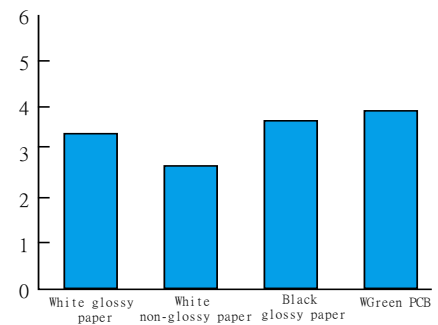
◆ Specifications / 規格表 :

Model / 型號	Pre-wired Ø4.2	PK3-V03N	PK3-V03P
	M8 Pigtailed type	PK3-V03NB	PK3-V03PB
Sensing type / 檢出方式	Convergent reflection type / 限定距離反射型		
Sensing distance / 檢出距離	3cm		
Emitting light / 發光源	Infrared LED 850 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		
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.		
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	IP64		
Material / 外觀材質	ABS		
Wiring method / 出線方式	PK3-□N : Pre-wired Ø4.2 x 2 M / 4-wires PK3-□B : M12 pigtailed connector type/ M12 接頭15cm電線式		
Weight / 重量	PK3-□N/P : Approx.60g		PK3-□B : Approx.20g

◆ Dimensions/尺寸圖 :



Detecting different raw materials



Applications / 應用

