

方形光電開關

Miniature Photo Sensor

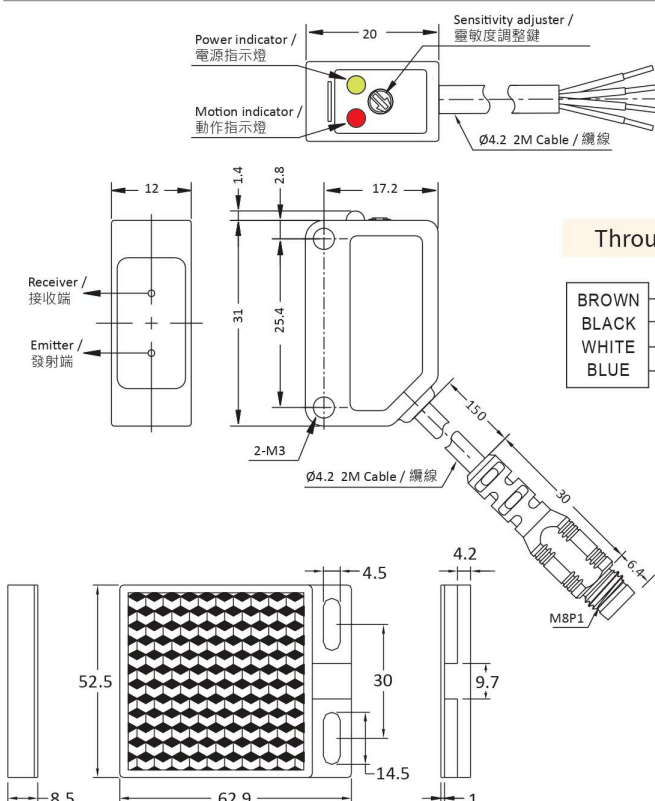
Characteristic / 特點：

- Standard screw hole 25.4mm.
/ 標準規格 25.4mm 螺絲固定孔"間距"。
- Visible dual LED makes it easy to know the current operating situation.
/ 雙LED指示燈，容易辨別動作情形。
- Compact size (W12xH31xD20mm), space saving.
/ 尺寸輕巧(W12xH31xD20mm)，省空間。



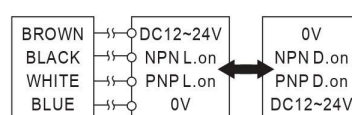
| Model / 型號 | PK3-10NP | PK3-R2NP | PK3-R2NPB |
|---------------------------------|---|-----------------------------------|-------------------|
| Sensing type / 檢出方式 | Through beam / 對照式 | Retroreflective / 鏡片反射式 | |
| Sensing distance / 檢出距離 | 10M | 0.1 ~ 2M | |
| Operating voltage / 工作電壓 | DC12 ~ 24 V | | |
| Current Consumption / 消耗電流 | 40 mA Max. | 35 mA Max. | |
| Load current / 負載電流 | 100mA Max. at DC24V | | |
| Output type / 輸出模式 | NPN D.on/ L.on PNP D.on/ L.on | NPN L.on/ D.on PNP L.on/ D.on | |
| Emitting light / 發光源 | Infrared LED 875 nm | Infrared LED 850 nm | |
| Response Frequency / 反應頻率 | 650 Hz | | |
| 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 (不可結霜，結冰) | | |
| 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 | (Receiver) Ø4.2 x 2 M / 4-wires (Emitter) Ø4.2 x 2 M / 2-wires | Pre-wired Ø4.2 x 2 M / 4-wires | M8 Pigtailed type |
| Weight / 重量 | 115g | 60g | 20g |

Dimensions / 尺寸圖 (mm)

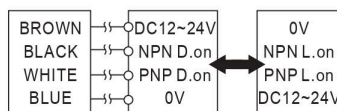


Wiring diagrams / 接線圖

Retroreflective



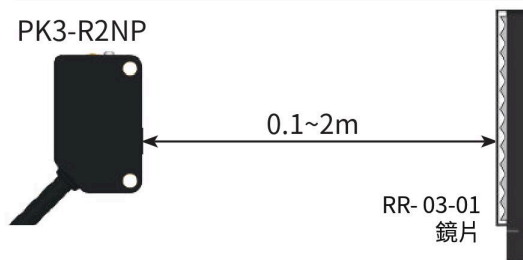
Through beam (Receiver)



Through beam (Emitter)



With reflector, sensing distance 0.1~2m
鏡片0.1~2m可感應



PK3

方形光電開關

RX

SPR

PK5

MK6

PM6

PK3

LK3

SU18

SU07

SU30

RMF

LRS

R1JK

R3JK

OAP

ASP