

方型光電開關

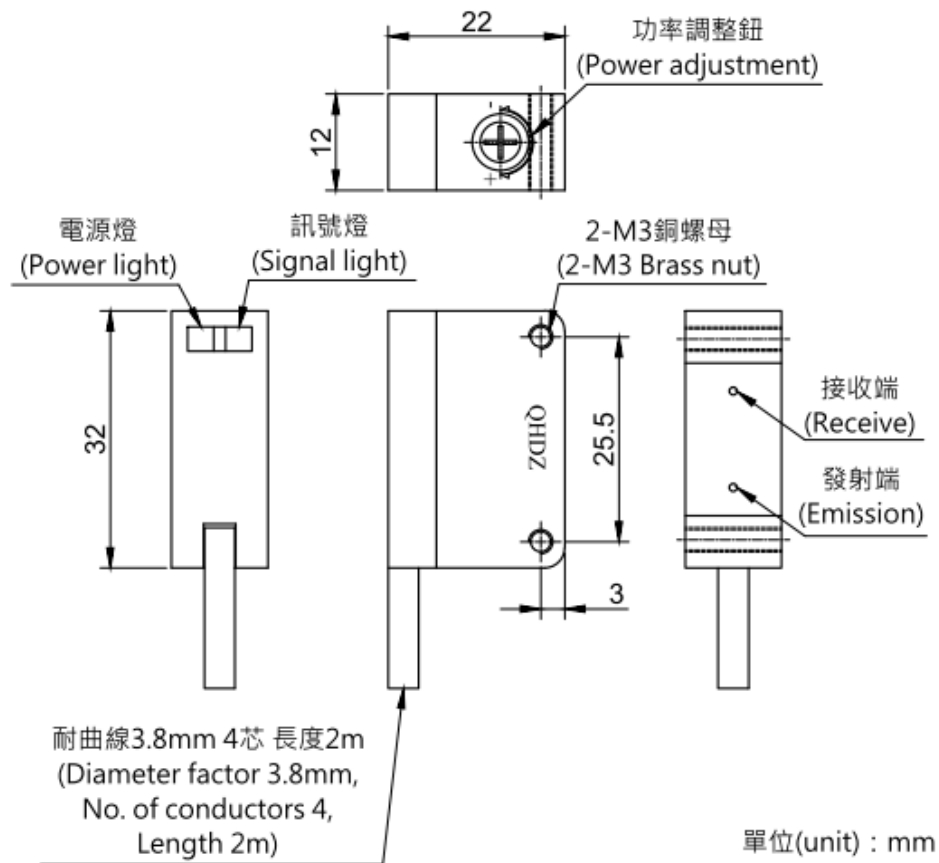
(Laser miniature photo sensor)

QS



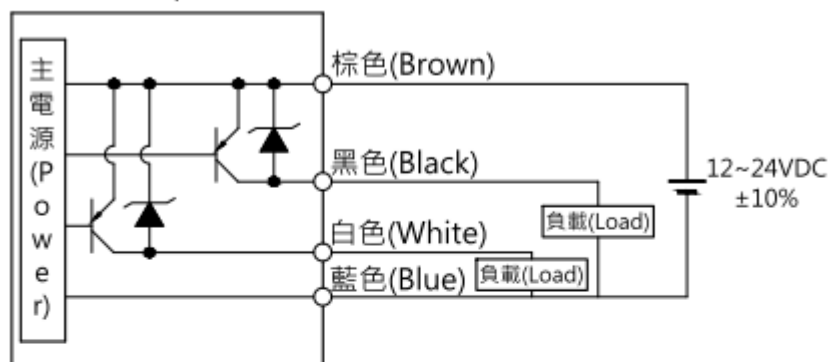
型號(Model)	QS-HDU40N3	QS-HDU40P3
檢出方式 (Sensing type)	限定距離反射型(條形可見光) (Restricted distance Visible light rectangle)	
輸出模式 (Output method)	NPN NO/NC	PNP NO/NC
檢測物體 (Sensing object)	100*100 mm 白色 (100*100 mm white)	
發光源 (Emitting light)	紅外線 LED 850 nm (Infrared LED 850 nm)	
檢測距離 (Sensing distance)	40 cm (感應距離 15 cm 光斑 100*10 mm) (Examine distance 40 cm (Max), Sensing distance 15 mm light spot 100*10mm)	
反應頻率 (Response time)	1 KHz Max	
環境照度 (Ambient illumination)	白熱光 3,000 Lux 以下・太陽光 10,000 Lux 以下 (Incandescent lamp: 3,000 lux max., Sunlight: 10,000 lux max)	
迴路保護 (Protection loop)	極性迴路保護和輸出短路保護 (Load short circuit protection and no circuit protection)	
工作電壓 (Operating voltage)	10~30 VDC	
消耗電流 (Current consumption)	≤30 mA	
負載電流 (Load current)	DC24V 100 mA (Max)	
工作溼度範圍 (Ambient humidity)	35%~85% RH	
工作溫度範圍 (Operating temperature)	-25°C~+70 °C (不結霜、不結冰)・-30~+80 °C (保存) (-25°C to +70 °C with no icing or condensation, -30 °C to +80 °C Storage)	
外觀材質 (Material)	ABS	
防水等級 (Protection degree)	IP65	
出線方式 (Wiring method)	耐曲線 Ø3.8 mm×2 M / 3 線 (Diameter factor Ø2 mm, No. of conductors 3, Length 2 m)	
重量 (Weight)	約 60 g (Approx. 60 g)	

尺寸圖(Dimensions)



接線圖(Wiring diagrams)

輸出模式 (Output) : PNP



輸出模式 (Output) : NPN

