

# 光電素子

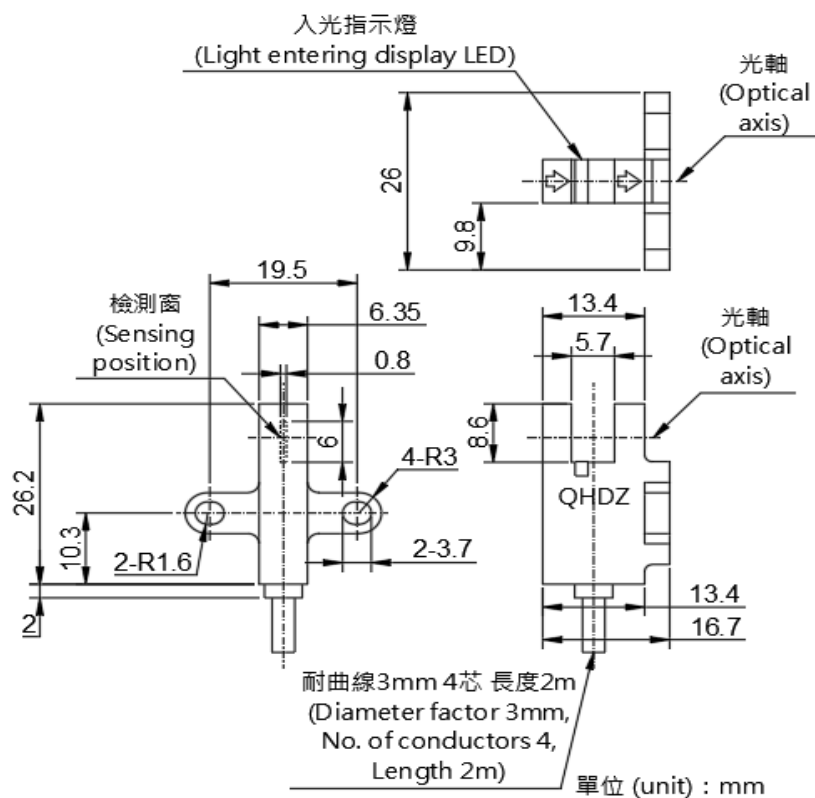
(Micro photo sensor)

QH



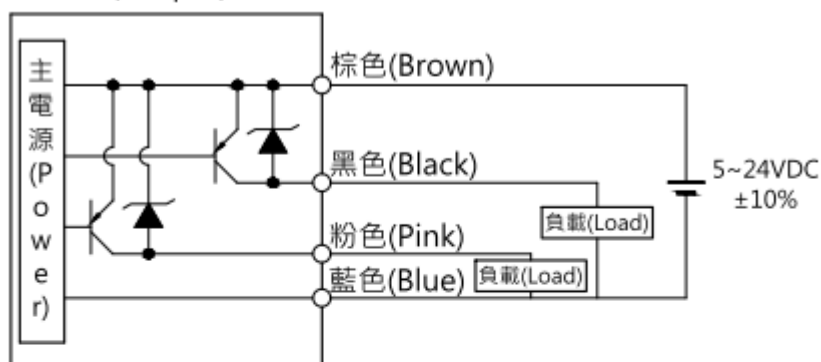
| 型號(Model)                         | QH-SX675N-WR                                                                                                                | QH-SX675P-WR |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------|--------------|
| 檢出方式<br>(Sensing type)            | 透過型<br>(Through-beam type)                                                                                                  |              |
| 輸出模式<br>(Output method)           | NPN NO/NC                                                                                                                   | PNP NO/NC    |
| 檢測物體<br>(Sensing object)          | 2×0.8 mm 以上的不透明物體<br>(Opaque 2×0.8 mm min)                                                                                  |              |
| 發光源<br>(Emitting light)           | 紅外線 LED 940 nm<br>(Infrared LED 940 nm)                                                                                     |              |
| 檢測距離<br>(Sensing distance)        | 5 mm (凹槽寬度)<br>(Groove width 5 mm)                                                                                          |              |
| 反應頻率<br>(Response time)           | 1 KHz 以上 (平均值 3 KHz)<br>1 KHz Max (Average value 3 KHz)                                                                     |              |
| 環境照度<br>(Ambient illumination)    | 受光面照度、螢光燈 10,000 Lux 以下<br>(10,000 lux max. with fluorescent light on the surface of the receiver)                          |              |
| 迴路保護<br>(Protection loop)         | 極性迴路保護和輸出短路保護<br>(Load short circuit protection and no circuit protection)                                                  |              |
| 工作電壓<br>(Operating voltage)       | 5~24 VDC                                                                                                                    |              |
| 消耗電流<br>(Current consumption)     | ≤30 mA                                                                                                                      |              |
| 負載電流<br>(Load current)            | DC24V 100 mA (Max)                                                                                                          |              |
| 工作溼度範圍<br>(Ambient humidity)      | 35%~85% RH                                                                                                                  |              |
| 工作溫度範圍<br>(Operating temperature) | -25°C~+55 °C (不結霜、不結冰)・保存時：-30 °C~+80 °C<br>(-25°C to +55 °C with no icing or condensation, -30 °C to +80 °C Placed status) |              |
| 外觀材質<br>(Material)                | PBT                                                                                                                         |              |
| 防水等級<br>(Protection degree)       | IP50                                                                                                                        |              |
| 出線方式<br>(Wiring method)           | 耐曲線 Ø3 mm×2 M / 4 線<br>(Diameter factor Ø3 mm, No. of conductors 4, Length 2 m)                                             |              |
| 重量<br>(Weight)                    | 約 18.3 g<br>(Approx. 18.3 g)                                                                                                |              |

# 尺寸圖(Dimensions)



# 接線圖(Wiring diagrams)

輸出模式 (Output) : PNP



輸出模式 (Output) : NPN

