

## ◆Characteristics/特點：

- The IP67 rating is designed to the effective waterproof.  
/保護結構達到IP67的規格，能有效的防水
- Build-in twin LED, convenient for checking the operaton.  
/具有雙LED，檢測操作更方便
- Plug-in connector type is available, easy to connect, anyone can replace the new sensor in a minute.  
/具有長形孔，可微調安裝位置.插入式接線，安裝更換很容易



## ◆Specifications / 規格表：

| Output method<br>輸出模式           | NPN N.O. | RN04-N                   | RN04-ND1             |
|---------------------------------|----------|--------------------------|----------------------|
|                                 | NPN N.C. | RN04-N2                  | -                    |
|                                 | PNP N.O. | RN04-P                   | RN04-PD1             |
|                                 | PNP N.C. | RN04-P2                  | -                    |
| Sensing Surface / 檢測方向          |          | Top surface / 前方         |                      |
| Standard sensing object / 標準檢測物 |          | Iron 18x18x1mm           |                      |
| Sensing distance / 檢出距離         |          | 5mm                      |                      |
| Secure sensing distance / 建議距離  |          | 0to4mm                   |                      |
| Hysteresis / 滯滯                 |          | ≤10% of sensing distance |                      |
| Response time / 反應時間            |          | 2ms Max                  |                      |
| Operating voltage / 工作電壓        |          | DC 10 ~ 30V              |                      |
| Current consumption / 消耗電流      |          | ≤8 mA no-load            |                      |
| Load current / 負載電流             |          | 100 mA Max at DC 30V     |                      |
| Leakage current / 漏電流           |          | ≤1.1 mA no-load          |                      |
| Residual voltage / 殘餘電壓         |          | ≤ DC 1.5V                |                      |
| Insulation resistance / 隔離阻抗    |          | 20M Ω min. (DC500V)      |                      |
| Voltage withstandability / 絕緣耐壓 |          | AC1000V 60Hz for 60 Sec. |                      |
| Operating temperature / 工作溫度範圍  |          | -20°C ~ +60°C            |                      |
| Protection degree / 防水等級        |          | IP64 / IP67 (Option)     |                      |
| Wiring method / 出線方式            |          | Ø4.2 x 2M / 3wires       | M8 connector / M8 接頭 |
| Weight / 重量                     |          | Approx.60g               | Approx.12g           |

## ◆Dimensions/尺寸圖：

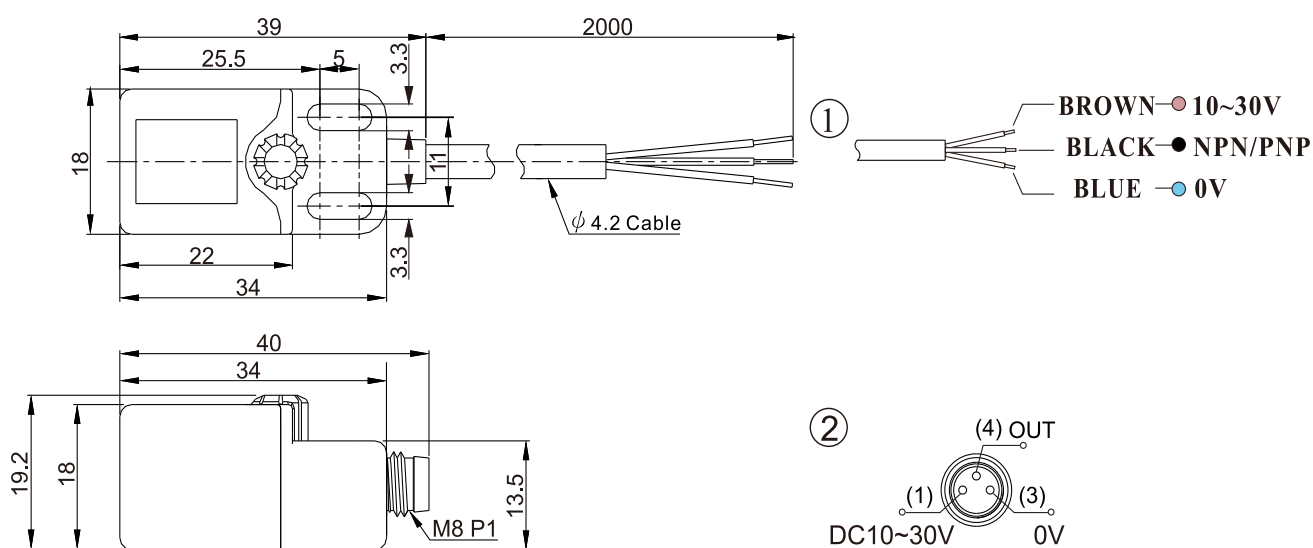


Photo Sensor

Area Sensor

Inductive Proximity Sensor

Capacitive Proximity Sensor

Timer / Counter

Others

Accessories