
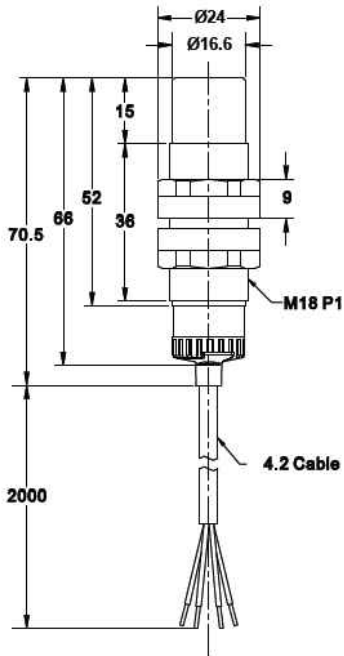
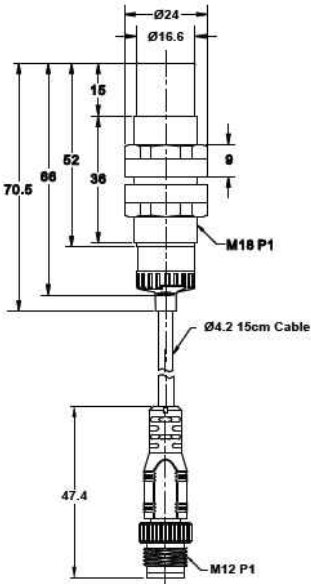
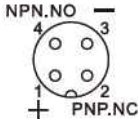


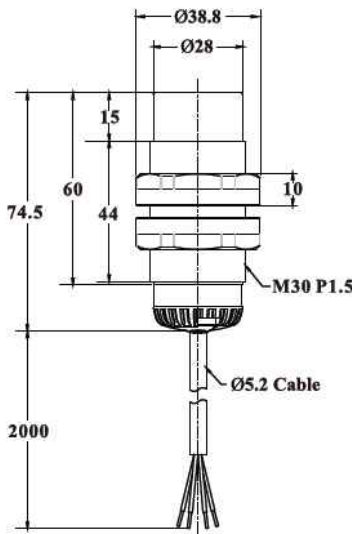
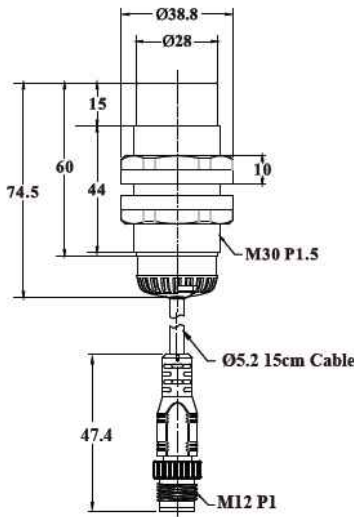
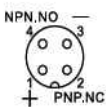


|                                 |   |  |   |                             |
|---------------------------------|---|--|---|-----------------------------|
| ◆Shape / 外觀 :                   |   |                        |   | Fiber                       |
| ◆Specifications / 規格表 :         |   |  |   | Photo Sensor                |
| Output method<br>輸出模式           | PNP N.O./N.C.<br>NPN N.O./N.C.  | KC1816-KP2   | KC1816-KP2K   | Area Sensor                 |
| Description / 外型                | Standard / 標準M18  |  |   | Ultrasonic Sensors          |
| Standard sensing object/標準檢出物   | Conducting Neutral / 導體電中性  |  |   |                             |
| Sensing distance / 檢出距離         | 1 ~ 16 mm   |  |   |                             |
| Hysteresis / 遲滯                 | ≤ 10 % of sensing distance  |  |   |                             |
| Response time / 反應時間            | 14.3 ms Max   |  |   |                             |
| Operating voltage / 工作電壓        | DC 12 ~ 24V   |  |   |                             |
| Current consumption / 消耗電流      | ≤ 22 mA no-load   |  |   |                             |
| Load current / 負載電流             | 100 mA Max at DC 24V  |  |   |                             |
| 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)   |  |   | Inductive Proximity Sensor  |
| Voltage withstandability / 絕緣耐壓 | AC1000V 60Hz for 60 Sec.  |  |   |                             |
| Operating temperature/工作溫度範圍    | -20°C ~ +60°C   |  |   | Capacitive Proximity Sensor |
| Portection degree / 防水等級        | IP 66   |  |   |                             |
| Wiring method / 出線方式            | Per-wired Ø4.2 x 2M / 4-wires   | M12 pigtailed type / M12接頭15cm電線式  |   |                             |
| Weight / 重量                     | Approx.70g  | Approx.35g   |   |                             |
| ◆Dimensions/尺寸圖 :               |  |  |  | Timer / Counter             |
|                                 |   | <p>KC1810-KP2K</p>  |   | Others                      |
|                                 |   |  |   | Accessories                 |

|                             |                                 |  |                                |   |                    |
|-----------------------------|---------------------------------|--|--------------------------------|---|--------------------|
| Fiber                       | <b>◆Shape / 外觀 :</b>            |     |                                |    |                    |
| Photo Sensor                |                                 | <b>◆Specifications / 規格表 :</b>   | <b>KC3030-KP2</b>              |   | <b>KC3030-KP2K</b> |
| Area Sensor                 | Output method<br>輸出模式           |  | NPN N.O./N.C.<br>PNP N.O./N.C. |   |                    |
| Ultrasonic Sensors          | Description / 外型                | Standard / 標準 M30  |                                |   |                    |
|                             | Standard sensing object/標準檢出物   | Conducting Neutral / 導體電中性   |                                |   |                    |
|                             | Sensing distance / 檢出距離         | 2 ~ 30mm   |                                |   |                    |
|                             | Hysteresis / 遲滯                 | ≤ 10 % of sensing distance   |                                |   |                    |
|                             | Response time / 反應時間            | 100 ms Max   |                                |   |                    |
|                             | Operating voltage / 工作電壓        | DC 12 ~ 24V  |                                |   |                    |
|                             | Current consumption / 消耗電流      | ≤ 22 mA no-load  |                                |   |                    |
|                             | Load current / 負載電流             | 100 mA Max at DC 24V   |                                |   |                    |
|                             | Leakage current / 漏電流           | ≤ 1.1 mA no-load   |                                |   |                    |
|                             | Residual voltage / 殘餘電壓         | ≤ DC 1.5V  |                                |   |                    |
| Inductive Proximity Sensor  | 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  |                                |   |                    |
|                             | Portection degree / 防水等級        | IP 66  |                                |   |                    |
| Capacitive Proximity Sensor | Wiring method / 出線方式            | Per-wired Ø5.2 x 2M / 4-wires  |                                | M12 pigtailed type / M12 接頭15cm電線式  |                    |
|                             | Weight / 重量                     | Approx.135g  |                                | Approx.80g  |                    |
| Capacitive Proximity Sensor | <b>◆Dimensions/尺寸圖 :</b>        |  |                                |  |                    |
|                             |                                 |  |                                |  |                    |
| Timer / Counter             |                                 |  |                                |   |                    |
| Others                      |                                 |  |                                |   |                    |
| Accessories                 |                                 |  |                                |   |                    |

