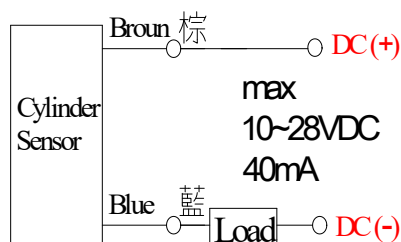
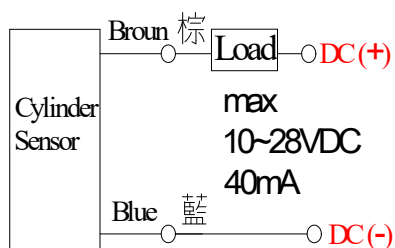


## 型號 Auto switch model

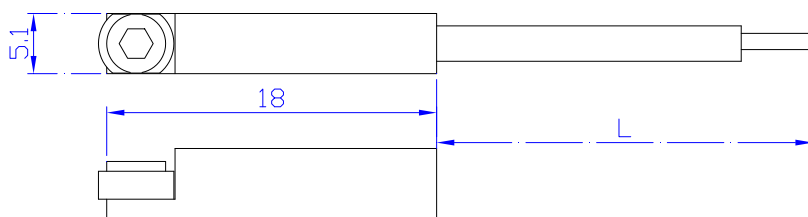


## LM-12AS ( 迷你型 / 具過載保護 )



|                                 |                           |
|---------------------------------|---------------------------|
| 電線方向 Electrical entry direction | 180°                      |
| 出線方式 Wiring type                | 2 - wire                  |
| 輸出方式 Output type                | N,O ( Normally open )     |
| 適用負載 Applicable load            | 24 VDC Relay , PLC        |
| 輸入電壓 Power supply voltage       | /                         |
| 消耗電流 Current consumption        | /                         |
| 負載電壓 Load voltage               | 24 VDC ( 10 to 26.5 VDC ) |
| 負載電流 Load current               | 50 mA                     |
| 內部壓降 Internal voltage drop      | ≤ 4.5 V                   |
| 洩漏電流 Leakage current            | ≤ 0.2 mA 【24VDC】          |
| 指 示 灯 Indicator light           | Red LED                   |
| 周圍溫度 Ambient temperature        | -5 ~ 60°C                 |
| 依據標準 Standard                   | UL , CE                   |

| ● 線長 Wire length | 誤差 Tolerance | 重量 Weight |
|------------------|--------------|-----------|
| 1M               | ± 30 mm      |           |
| 2M               | ± 60 mm      |           |
| 3M               | ± 90 mm      |           |
| 5M               | ± 150 mm     |           |



## 保護裝置 Protection circuit

Yes

No

電源電壓反接 Power supply voltage reversal



突波電壓保護 Transient voltage protection



過電流保護 ( 瞬間電流 ) ≤ 2000mA Overcurrent protection ( surge current ) ≤ 2000mA



短路保護 Short circuit protection



● 2 線式串接，作動時輸出負載電壓 : 24V – 4.5V x 2 pcs = 15V

2-wire with 2-switch AND connection :

Load voltage at ON = Power supply voltage – Residual voltage x 2 pcs = 24V – 4.5V x 2 pcs = 15V

● 2 線式並接，不作動時負載電壓 : 0.2 mA x 2 pcs x 3 KΩ = 1.2 V

2-wire with 2-switch OR connection :

Load voltage at OFF = Leakage current x 2 pcs x Load impedance = 0.2 mA x 2 pcs x 3 KΩ = 1.2 V