

電阻隔離傳送器 (RESISTANCE ISOLATED TRANSMITTER)

MODEL
PWRTR



特點(FEATURES)

- 精確度0.1%滿刻度 (Accuracy 0.1% F.S.)
- 多種輸入輸出選擇(Wide selection of input/output range)
- 輸入與輸出絕緣耐壓 2仟伏特/1分鐘(Dielectric strength 2KVdc/1 min.(input/output))
- 寬範圍交直流兩用電源設計(Wide input range for auxiliary power)
- 尺寸小,穩定性高(Dimension small and High stability)

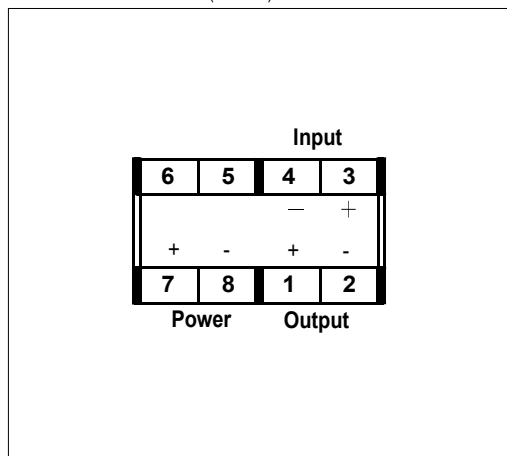
1.MODEL:PWRTR- (選購型號)

| NO | Input Range | NO | Input Range | NO | Input Range | NO | Output Range | NO | Output Range | NO | Output Range | NO | Aux. Power |
|----|-----------------------|----|-----------------|----|-----------------|----|--------------|----|--------------|----|--------------|----|--------------------------|
| 1 | 0-100ohm(10mA) | 4 | 0-2Kohm(500uA) | 7 | 0-100Kohm(10uA) | A | 0-50mV | E | 2-10V | I | 4-20mA | A | AC/DC 18-60V |
| 2 | 0-500ohm(2mA) | 5 | 0-5Kohm(200uA) | 9 | SPECIFIED | B | 0-1V | F | 0-1mA | R | SPECIFIED | B | AC/DC 90-260V |
| 3 | 0-1Kohm(1mA) | 6 | 0-10Kohm(100uA) | | | C | 1-5V | G | 0-10mA | | | | Less 3VA for AC/DC input |
| | Input Range (Sensing) | | | | | D | 0-10V | H | 0-20mA | | | | |

2.SPECIFICATION (主要規格)

- Measuring accuracy : 0.1% F.S. (23 ± 5)
(精確度)
- Response time : <250ms (0-90%)
(輸出反應時間)
- Output drive capability : < 10mA for voltage mode
(輸出負載能力) < 10V for current mode
- Output ripple(p-p) : < 0.1% F.S.
(輸出濾波)
- Zero (offset) range : 0- ± 5% F.S.
(歸零調整範圍)
- Span (scale) range : 0- ± 10% F.S.
(最大值調整範圍)
- Temp. coefficient : 100ppm/ (0-50)
(溫度係數)
- Isolation : Input/Output/Power/Case
(隔離特性)
- Insulation Resistance : >100M ohm with 500V DC
(絕緣阻抗)
- Dielectric strength : 2KVdc/1 min. (input/output/power)
(絕緣耐壓能力) 1600Vdc (input/output)
- Operating condition : 0-50 (20 to 90% RH non-condensed)
(使用環境條件)
- Storage condition : 0-70 (20 to 90% RH non-condensed)
(存放環境條件)
- Construction : Socket/plugin type with barrier terminals
(安裝方式)

3.Terminal connection(接線圖)



4.Dimension(unit:mm)(外型尺寸)

