

兩線式電位計傳送器

(HEAD-MOUNTED TWO-WIRE POTENTIOMETER TRANSMITTER)

MODEL
TWP



■特點(FEATURES)

- 精確度0.1%滿刻度 (Accuracy 0.1%F.S.)
- 寬輸入範圍100 ohm至50K ohm三線式(Wide input ranges from 100 ohm to 50K ohm(3-wire))
- 輸出範圍(-1999至9999)可任意規劃(Output range (-1999~9999) can be modify)
- 感應器輸斷線保護功能最大輸出電流小於21mA
(Burnout protection function, upscale the output current limit of approximately 21mA)
- 寬範圍電源輸入範圍直流10至30伏特(Field-rangeable supply voltage from 10 to 30V)
- 輸出DC4~20mA負載能力強(Output DC4~20mA, $R_L(\max.) = (V_{\text{supply}} - 9V) / 20\text{mA}$, up to 750 ohms at 24VDC)
- 低價位與高可靠度(Low cost and high stability)

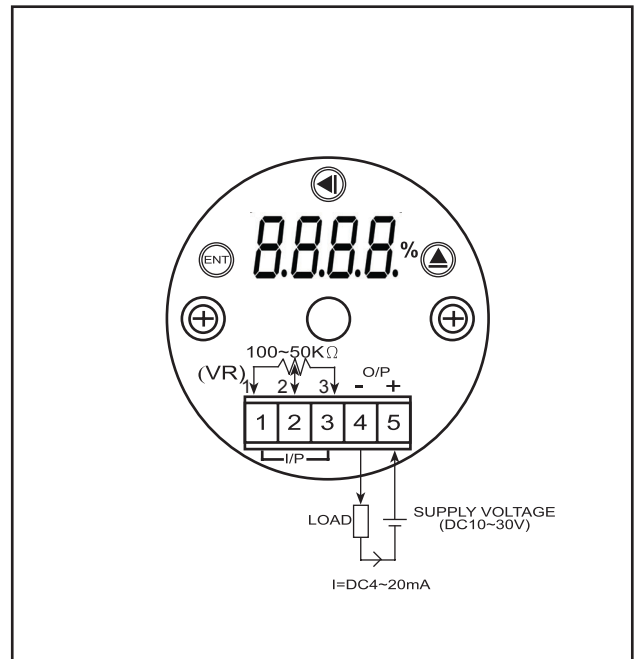
1.MODEL:TWP

(選購型號)

2.SPCIFICATION (主要規格)

- Measuring accuracy (精確度) : 0.1% F.S. (23±5°C)
- Output current (supply voltage) (輸出電流(供應電源)) : DC 4~20mA (DC 10 to 30V (<21mA))
- Sensor input ranges (感應器輸入範圍) : 100 ohm~50K ohm(3-wire)
- Sensor Exciting voltage(current) (感應器電壓) : 120mVDC (<1.2mA)
- Analog output span-according display range : -1999~+9999 digit adjustable (最高輸出對應顯示值範圍)
- Analog output zero-according display range : -1999~+9999 digit adjustable (最低輸出對應顯示值範圍)
- Response time (輸出反應時間) : <250ms (0~90%)
- Output load capability (輸出負載能力) : $R_L(\max.) = (V_{\text{supply}} - 9V) / 20\text{mA}$ (up to 750 ohms at 24VDC)
- Output ripple(p-p) (輸出漣波) : <0.05% F.S.
- Zero (offset) range (歸零調整範圍) : 0~±99 digit adjustable
- Span (scale) range (最大值調整範圍) : 0~±199 digit adjustable
- Temp. coefficient (溫度係數) : 50ppm/°C (0~50°C)
- Burnout protection (斷線保護) : Upscale the output current limit of approximately 21mA
- Reverse-voltage protection (逆向電壓保護) : Included as standard
- Display (顯示幕) : 7-segment LCD character high 5.5mm(0.216")
- Parameter setting (參數設定方式) : Touch switches
- Memory mode (記憶型式) : Non-volatile E² PROM memory
- Dielectric strength (絕緣耐壓能力) : 2KVac/1 min. (input/case)
- RFI protection (RFI保護) : 2W-150MHz at 2 meter causes less than 0.5% change in output
- Operating condition (使用環境條件) : -5~60°C (20 to 90% RH non-condensed)
- Storage condition (存放環境條件) : -10~70°C (20 to 90% RH non-condensed)
- Case materials (外殼材料) : PBT(UL94-V0)
- Construction (安裝方式) : Head-mounting(DIN type B head)
- CE EMC Certification (CE認證) : EN 55022:1998/A1:2000 Class A
EN 61000-3-2:2000
EN 61000-3-3:1995/A1:2001
EN 55024:1998/A1:2001

3.TERMINAL CONNECTION (接線圖)



4.DIMENSION (unit:mm) (外型尺寸)

