

電阻式溫度隔離雙輸出傳送器

(DUAL OUTPUT RTD (Pt-100) ISOLATED TRANSMITTER)

MODEL
DTP



■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)
- 三線式接線自動補償線路阻抗效應 (3 wire configuration automatically compensate line resistance effects)
- 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: DTP-□ □ □ □

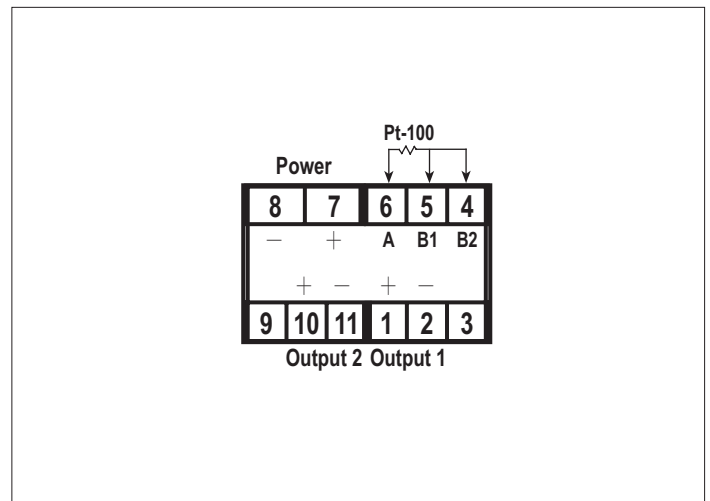
(選購型號)

NO	Input Range	NO	Input Range	NO	Output 1 Range	NO	Output 2 Range	NO	Aux. Power
1	0~50°C	6	-50~+50°C	C	1~5V	C	1~5V	A	AC/DC 18~60V
2	0~100°C	7	-100~+100°C	D	0~10V	D	0~10V	B	AC/DC 90~260V
3	0~200°C	9	SPECIFIED	F	0~1mA	F	0~1mA		• Less 4VA for AC/DC input
4	0~400°C		• DIN standard (TCR=385ppm/°C)	I	4~20mA	I	4~20mA		
5	0~800°C			R	SPECIFIED	R	SPECIFIED		

2. SPECIFICATION (主要規格)

- Measuring accuracy : 0.1% F.S. (23±5°C)
(精確度)
- Sensor exciting current : <2mA
(感應器電流)
- 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.
(輸出漣波)
- 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/°C (0~50°C)
(溫度係數)
- Isolation : Input/Output1/Output2/Power/Case
(隔離特性)
- Insulation Resistance : >100M ohm with 500V DC
(絕緣阻抗)
- Dielectric strength : 2KVac/1 min. (input/output1/output2/power)
(絕緣耐壓能力) 1600Vdc (input/output)
- Operating condition : 0~60°C (20 to 90% RH non-condensed)
(使用環境條件)
- Storage condition : 0~70°C (20 to 90% RH non-condensed)
(存放環境條件)
- Construction : Socket/plugin type with barrier terminals
(安裝方式)
- CE EMC Certification : EN 55022:1998/A1:2000 Class A
(CE 認證) 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)

