

# 薄型電阻式溫度(Pt-100)隔離傳送器

( SLIM TYPE RTD (Pt-100) ISOLATED TRANSMITTER )

MODEL  
STP



## ■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 & High stability)

## 1.MODEL:STP-□ □ □ □

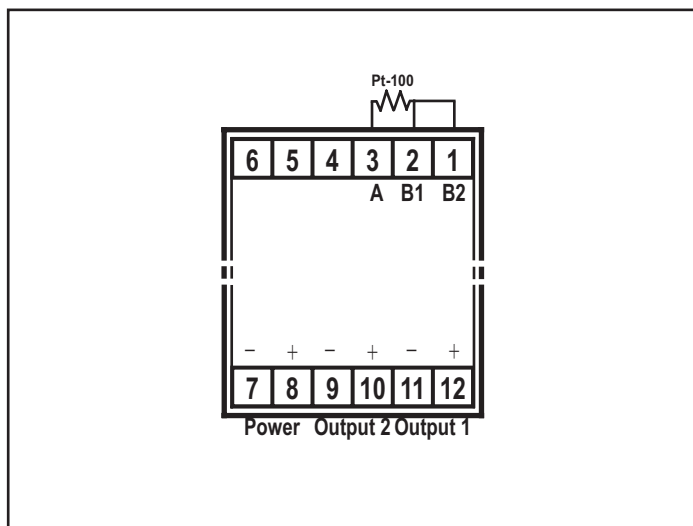
(選購型號)

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	N	None	A	AC/DC 18~60V
2	0~100°C	7	-100~+100°C	D	0~10V	C	1~5V	B	AC/DC 90~260V
3	0~200°C	9	SPECIFIED	F	0~1mA	D	0~10V		• Less 4VA for AC/DC input
4	0~400°C		• DIN standard(TCR=358ppm/°C)	I	4~20mA	I	4~20mA		
5	0~800°C			R	SPECIFIED	R	SPECIFIED		

## 2.SPCIFICATION (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 : 1.5KVac/1 min. (input/Output1/Output2/power)  
1200Vdc (input/Output1/Output2)  
(絕緣耐壓能力)
- 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 : 35mm DIN rail (EN50022)  
(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)

