

微電腦型熱電耦溫度隔離傳送器 (MICROPROCESS THERMOCOUPLE ISOLATED TRANSMITTER)

MODEL
PWRTMT



特點(FEATURES)

- 精確度0.2%滿刻度 ± 0.5 (冷接點補償) (Accuracy 0.2%F.S. ± 0.5 (CJC))
- 高精度冷接點溫度補償(CJC traceability $< \pm 0.5$ (0-70))
- 熱電耦誤差補償與斷線保護功能(Sensor error compensation(offset) and burnout protection function)
- 15BIT 隔離類比輸出(15bit DAC isolating analog output)
- 多種熱電耦輸入與類比輸出選擇(Wide selection of input/output range)
- 輸入與輸出絕緣耐壓2仟伏特/1分鐘(Dielectric strength 2KVac/1min. (input/output/power))
- 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)

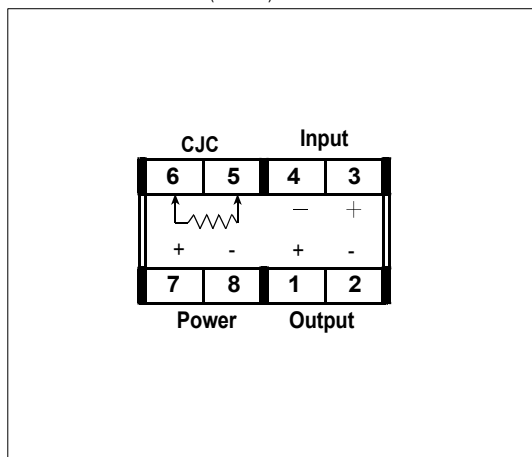
1.MODEL:PWRTMT- (選購型號)

NO	Input Type	NO	Input Type	NO	Output Range	NO	Output Range	NO	Output Range	NO	Aux. Power
B	B(200-1800)	R	R(0-1760)	A	DC0-1V	E	DC2-10V	I	DC4-20mA	A	AC/DC 18-60V
E	E(-185-990)	S	S(0-1750)	B	DC0-5V	F	DC0-1mA	R	SPECIFIED	B	AC/DC 90-260V
J	J(-200-760)	T	T(-200-395)	C	DC1-5V	G	DC0-10mA				Less 3VA for AC/DC input
K	K(-200-1360)		= (9/5) +32	D	DC0-10V	H	DC0-20mA				

2.SPECIFICATION (主要規格)

- Measuring accuracy : 0.2% F.S. ± 0.5 (CJC)
(精確度)
- Sampling time : 10 cycles/sec.
(取樣時間)
- Analog output resolution : 15 bit DAC
(類比輸出解析度)
- Response time : < 250 ms (0-90%)
(輸出反應速度)
- Offset range(input) : 0- ± 99.9 ()
(熱電耦誤差補償)
- Output drive capability : < 10 mA for voltage mode
(輸出負載能力) < 10 V for current mode
- Output ripple (p-p) : $< 0.1\%$ F.S.
(輸出之漣波)
- Zero (offset) range : 0- 9999 digit adjustable
(歸零調整範圍)
- Span (scale) range : 0- 9999 digit adjustable
(最大值調整範圍)
- Temp. coefficient : 50ppm/ (0-50)
(溫度係數)
- Display : Red high efficiency LEDs high 10.16 mm (0.4")
(顯示幕)
- Parameter setting : Touch switches
(參數設定方式)
- Memory mode : Non-volatile E² PROM memory
(記憶方式)
- Isolation : Input/Output/Power/Case
(隔離特性)
- Insulation Resistance : > 100 M ohm with 500V DC
(絕緣阻抗)
- Dielectric strength : 2KVac/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 conection(接線圖)



4.Dimension(unit:mm)(外型尺寸)

