

TEMPERATURE CONTROLLER

溫度控制器

INSTRUCTION MANUAL

TC SERIES 使用說明

Ordering Information 訂購資料

TC 3 D D - R P A K 3
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

① Product 產品名稱

Temperature Controller

② Size 外形尺寸

1 = 48H x 48W mm
 2 = 96H x 48W mm
 3 = 72H x 72W mm
 4 = 96H x 96W mm

③ Method of Setting 設定方式

D = Digital Switch 撥碼開關
 A = Trimmer 旋鈕
 O = Without set 無設定

④ Method of Display 顯示方式

D = Digital LED Display 數字顯示
 O = Without Display 無顯示

⑤ Method of Output 輸出方式

R = Relay Output 繼電器輸出
 V = Voltage Output 電壓輸出

⑥ Method of Control 控制方式

P = Proportional Control 比例控制
 O = ON/OFF Control 開/關控制

⑦ Alarm 警報

A = With Stand-By/Over-Heat Alarm
 待機/過熱警報

⑧ Type of Sensor 感溫線種類

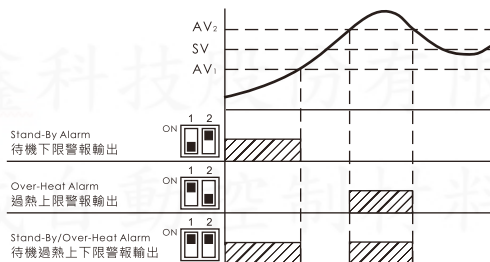
K = K Type K型熱電偶
 Pt = Pt100Q 熱電阻

⑨ Range of Setting 設定範圍

Digital Switch 撥碼開關	Trimmer 旋鈕
W = 0 ~ 99.9	L = 0 ~ 50
1 = 0 ~ 199	U = 0 ~ 100
2 = 0 ~ 200	2 = 0 ~ 200
3 = 0 ~ 399	C = 0 ~ 300
4 = 0 ~ 400	4 = 0 ~ 400
5 = 0 ~ 599	F = 0 ~ 500
6 = 0 ~ 600	6 = 0 ~ 600
7 = 0 ~ 700	7 = 0 ~ 700
8 = 0 ~ 800	8 = 0 ~ 800
N = 0 ~ 900	N = 0 ~ 900
A = 0 ~ 1000	A = 0 ~ 1000
X = 0 ~ 1200	X = 0 ~ 1200

Specification 功能特性

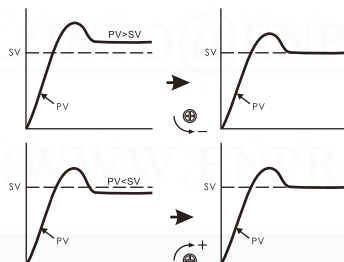
- ON/OFF LED 動作指示燈
Green-Control Output Turn ON
Red-Control Output Turn Off
綠燈亮(ON)加熱, 紅燈亮(OFF)不加熱
- AL Stand-By/Over-Heat Alarm 待機/過熱警報
SV=Setting Value 溫度設定值
AV1/AV2=Stand-By/Over-Heat 待機/過熱設定值
Function Selects by DIP Switch
可由外部DIP開關做功能選擇



Notice of Use 注意事項

● "RESET" 調整 OFFSET

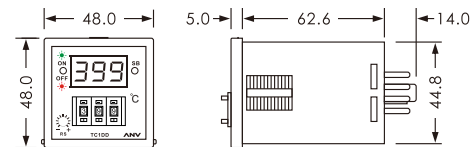
RESET Adjuster may modify the difference between present value (PV) and setted value (SV). If PV>SV may modify RESET at counterclockwise. If PV<SV may modify RESET at clockwise. RESET 調整鈕可修正控制溫度 (PV) 與設定溫度 (SV) 的差異, 如過控制溫度高於設定溫度, 向逆時針方向調整。如果控制溫度低於設定溫度, 向順時針方向調整, 每次調整的角度不宜過大。



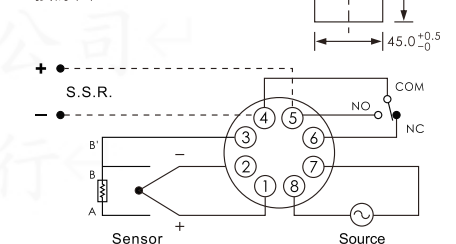
- Separate the signal line of the Sensor from power line, load line and use independent line
請避免將感溫線與電源線或負載線綁在一起, 若需延長感溫線, 務必使用相同導線。
- Keep away from the high frequency instrument, high temperature devices or vibration machines
安裝本產品時, 請勿靠近高溫場所, 避免周圍環境溫度急速變化, 及避免激烈振動及衝擊。
- Do not install the unit at the place where corrosive gasses, moisture, etc. are occurred
避免安裝在有腐蝕性氣體或濕氣太重的場所。
- Heat Load connect to NO contact, cooler Load connect to NC contact
加熱性負載請接NO接點, 冷卻性負載請接NC接點, 以免溫控異常。

TC1 Series 48H x 48W mm

● Dimension & Fixed Hold 尺寸圖及開孔圖

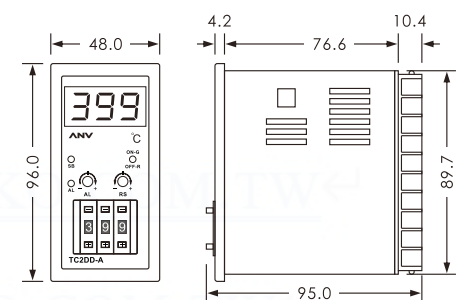


● Connection Diagram 接線圖

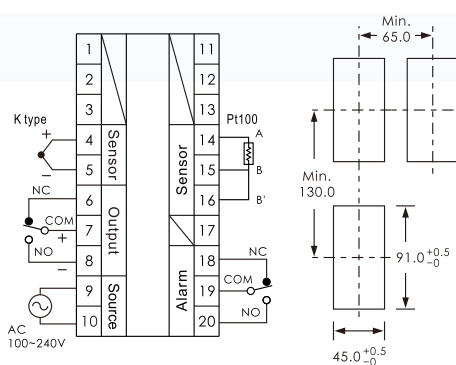


TC2 Series 96H x 48W mm

● Dimension & Fixed Hold 尺寸圖及開孔圖

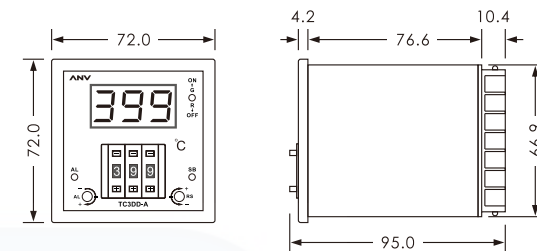


● Connection Diagram 接線圖

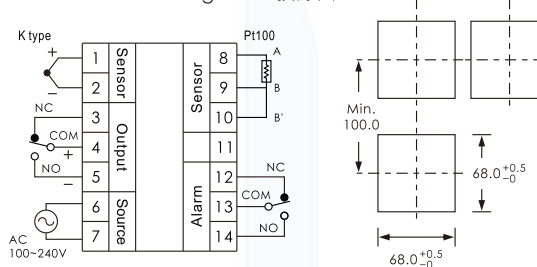


TC3 Series 72H x 72W mm

● Dimension & Fixed Hold 尺寸圖及開孔圖

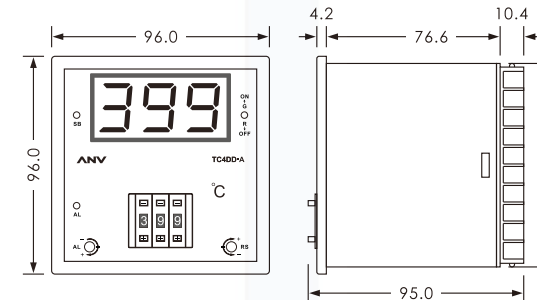


● Connection Diagram 接線圖



TC4 Series 96H x 96W mm

● Dimension & Fixed Hold 尺寸圖及開孔圖



● Connection Diagram 接線圖

