

AC&M Thermocouple Alarm Setter Transmitter

□ Features :

- 4 Digits Display For Input Signal:0 ~ 9999
- Output Signals Are Programmable.
- Ultra-thin Dimension , 27mm width.
- Non-Combustible PC Case .DIN Rail or Wall Mounting.
- High Dielectric Strength (AC 2KV/Min , Input / Output / Power)



□ MODEL : TBT — [] — [] — []

Input Signal		Alarm Setting		AUX. Power	
K	K Type..-270~1370°C/-520~2500°F	A	2 Alarm Setting	C	DC 24V
E	E Type..-270~800°C/-520~1500°F				
J	J Type..-210~700°C/-410~1300°F				
T	T Type..-210~400°C/-410~760°F				
R	R Type..0~1700°C/32~3100°F				
S	S Type..0~1700°C/32~3100°F	N	NONE	Y	OTHER
B	B Type..0~1750°C/32~3200°F				

Specification :

- Accuracy : Input Accuracy $\pm 0.2\%FS$ 、 Output Accuracy $\pm 0.1\%RO$ 、 Display Accuracy $\pm 0.2\%FS \pm 12$.
- Display Range : 0.36" Red LED 4-digit 0 ~ 9999 Counts.
- Input Impedance : Voltage Input $\geq 1M\Omega$, Current Input $\leq 50\Omega$
- Dielectric Strength : AC 2KV /1 Min , Input / Output / Power , DIN IEC 688.
- Input Protection : $\geq DC 2V, \leq 300Vrms$ Continuous. $\leq DC 2V, \leq 150Vrms$ Continuous. $\leq DC 20mA, \leq 150mA$ Continuous
- Alarm Setting : 2 Sets Alarm Joins. Hi or Lo (selectable).
- Setting Range : 0 ~ 9999 Counts (Programmable)
- Dead band : 0 ~ 9999 Counts (Programmable).
- Delay Time : 0 ~ 99 sec. (Programmable).
- SPDT Capacity : SPST AC 120V 5A ,250V 2.5A,DC 24V 3A PF=1
- Stability : $\leq 0.2\%$ /year
- Response Time : $\leq 1Sec$
- Temperature Coefficient : $\leq 100ppm / ^\circ C$ From 0~60°C
- Operation Condition : -5°C ~ +85°C 20~95% RH Non-Condensed
- Storage Condition : -10°C ~ +105°C 20~95% RH Non-Condensed
- CE : EN 61000-6-4 , EN 61000-6-2 , EN 61000-3-2
- Power Fluctuation Rate : Power Can Stand AC 85~265V or DC 24V $\pm 10\%$, Aux. Power Effect : $\leq 0.03\%$ / V
- Case Material : Non-Combustible PC Case. Qualified to UL 94 CLASS V-O
- Mounting : DIN Rail or Wall Mounting.
- Dimension : 27 W x 119 H x 72 L (including base)

□ Connection Diagram :

