

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 : TAT

| Input Signal | | Alarm Setting | | Output Signal | | AUX. Power | |
|--------------|----------------------------------|---------------|----------------|---------------|-----------|------------|---------------|
| K | K Type...-270~1370°C/-520~2500°F | A | 2Alarm Setting | A | DC 0~10mA | C | DC 22~72V |
| E | E Type...-270~800°C/-520~1500°F | | | B | DC 0~20mA | F | AC/DC 85~265V |
| J | J Type...-210~700°C/-410~1300°F | | | C | DC 4~20mA | | (AC&DC Share) |
| T | T Type...-210~400°C/-410~760°F | | | D | DC 0~5v | | |
| R | R Type...0~1700°C/32~3100°F | | | E | DC 1~5V | | |
| S | S Type...0~1700°C/32~3100°F | | | F | DC 0~10V | | |
| B | B Type...0~1750°C/32~3200°F | N | None | N | None | Y | Other |
| | | | | Y | Other | | |

Specification :

- Accuracy : Input Accuracy $\pm 0.2\%$ FS , Output Accuracy $\pm 0.1\%$ RO , Display Accuracy $\pm 0.2\%$ FS ± 12 .
- Display Range : 0.36" Red LED 4-digit 0 ~9999 Counts.
- Input Impedance : Voltage Input $\geq 1M\Omega$, Current Input $\leq 50\Omega$
- Output Load : Current Output : $< 750\Omega$ at 20mA , Voltage Output : 10mA Maximum
- Output Coordination : Digital Coordination
- Dielectric Strength : AC 2KV /1 Min , Input / Output / Power , DIN IEC 688.
- Input Protection : $\geq DC 2V, \leq 300V_{rms}$ Continuous. $\leq DC 2V, \leq 150V_{rms}$ Continuous. $\leq DC 20mA, \leq 150mA$ Continuous
- Linearity & Repeatability : $\leq 0.1\%$ Typical.
- 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 : ≤ 1 Sec
- Ripple : $\leq 0.1\%$ rms RO
- Temperature Coefficient : ≤ 100 ppm / °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
- Power Fluctuation Rate : Power Can Stand AC 85~265V or DC 24V $\pm 10\%$, Aux. Power Effect : $\leq 0.03\%$ /V
- CE : EN 61000-6-4 , EN 61000-6-2 , EN 61000-3-2
- Case Material : Non-Combustible PC Case. Qualified to UL 94 CLASS V-O
- Mounting : DIN Rail or Wall Mounting.
- Dimension : 27 W x119 H x 72 L (including base)

□ Connection Diagram :

