

AC&M RTD Transmitter With Dual Outputs

Features :

- 4 Digits Display For Input Signal:-100.0 ~400.0
- Display -100~400°C/-100~700°F
- 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 : TAR2 — [] — [] — [] — []

Input Signal		Output Signal 1		Output Signal 2		AUX. Power	
A	PT100Ω 3Wire -100~400°C/ -150~700°F	A	DC 0~10mA	A	DC 0~10mA	C	DC 22~72V
		B	DC 0~20mA	B	DC 0~20mA	F	AC /DC 85~265V (AC&DC Share)
		C	DC 4~20mA	C	DC 4~20mA		
		D	DC 0~5V	D	DC 0~5V		
		E	DC 1~5V	E	DC 1~5V		
		F	DC 0~10V	F	DC 0~10V		
Y	Other	N	None	N	None	Y	Other
		Y	Other	Y	Other		

Specifications :

- Accuracy : Input Accuracy $\pm 0.2\%FS$ · Output Accuracy $\pm 0.2\%RO + 0.3^{\circ}C$ · Display Accuracy $\pm 0.2\%FS \pm 2C$.
- 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 : $\geq DC 2V, \leq 300Vrms$ Continuous. $\leq DC 2V, \leq 150Vrms$ Continuous. $\leq DC 20mA, \leq 150mA$ Continuous
- Linearity & Repeatability : $\leq 0.1\%$ Typical.
- Stability : $\leq 0.2\%$ /year
- Response Time : $\leq 1Sec$
- Ripple : $\leq 0.1\%rms RO$
- 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
- 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-0
- Mounting : DIN Rail or Wall Mounting.
- Dimension : 27 W x119 H x 72 L (including base)

Connection Diagram :

