

# 5-Digit, Microprocessor-based TEMP Meter

(Thermocouple input -- 24mm x 48mm -- 1 x alarm)

# AM5S-T

## FEATURES

- Accuracy:  $\pm 0.2\%$  F.S.  $\pm 0.5^\circ\text{C}$  (Cold junction compensation)
- Measuring Temperature (TC) sensors for K, J, E, R, S, B, T
- High brightness 0.4" LED display range: -19999~99999; 1 decimal point selectable
- $^\circ\text{C}/^\circ\text{F}$  unit selectable
- 1 control output: ON / OFF or proportion programmable
- High stability, non-flammable case (PC), high safety
- CE approval



## ORDER INFORMATION: AM5S-T - [Code 1] - [Code 2] - [Code 3]

Code 1	Input Type
B	200~1800 $^\circ\text{C}$
E	-185~900 $^\circ\text{C}$
J	-200~200 $^\circ\text{C}$
K	-200~1360 $^\circ\text{C}$
R	0~1760 $^\circ\text{C}$
S	0~1750 $^\circ\text{C}$
T	-200~395 $^\circ\text{C}$
O	Option

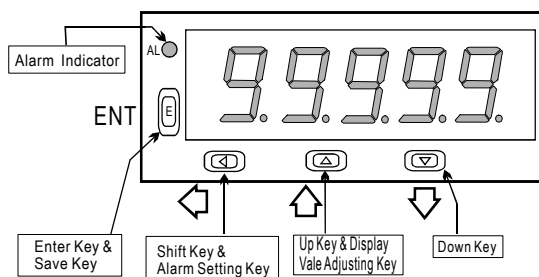
Code 2	Aux. Power
A	AC/DC100~240V
B	DC 22~60V

Code 3	Alarm Output
N	None
R1	1 Control

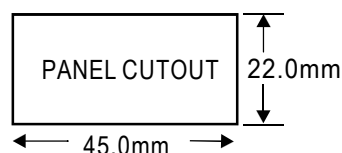
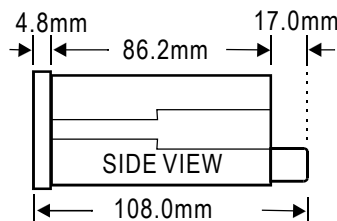
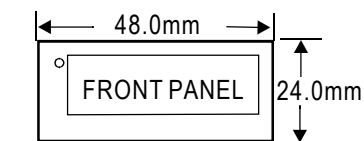
## SPECIFICATION

- ◆ Accuracy:  $\pm 0.2\%$  F.S.  $\pm 0.5^\circ\text{C}$  (Cold junction compensation)
- ◆ Display Screen: High brightness red LED; 10.16mm(0.4")
- ◆ Sampling Time: 16 cycles / sec
- ◆ Display Range: -19999~99999
- ◆ Zero Adjustment: -19999~99999
- ◆ Over Range Indication: doFL / ioFL or -doFL / -ioFL
- ◆ Polarity Indication: Automatic with "-" indication
- ◆ Disconnection Indication: Automatic with "OPEN" indication
- ◆ Parameters Setting: Push buttons
- ◆ Back Up Memory: EEPROM
- ◆ Alarm Action: "  $\geq$  (Hi) on" or "< (Lo) on"
- ◆ Alarm Run Delay Time: 0~99 sec
- ◆ Relay Contact: AC 277V / 7A; DC 30V / 7A
- ◆ Proportion Control Area: 0~999%
- ◆ Proportion Control Time: 0~99 sec
- ◆ Temperature Coefficient: 100ppm /  $^\circ\text{C}$  (0~60 $^\circ\text{C}$ )
- ◆ Operating Temperature: 0~60 $^\circ\text{C}$
- ◆ Operating Humidity: 20~90% RH (non-condensing)
- ◆ Storage Temperature: -10~70 $^\circ\text{C}$
- ◆ Storage Humidity: 20~90% RH (non-condensing)
- ◆ Power Supply: AC/DC 100~240V; DC 22~60V
- ◆ Power Consumption: 8.5VA (all functions output)

## FRONT PANEL & KEY FUNCTIONS



## DIMENSION



## WIRING CONNECTION

