ATM-T Series

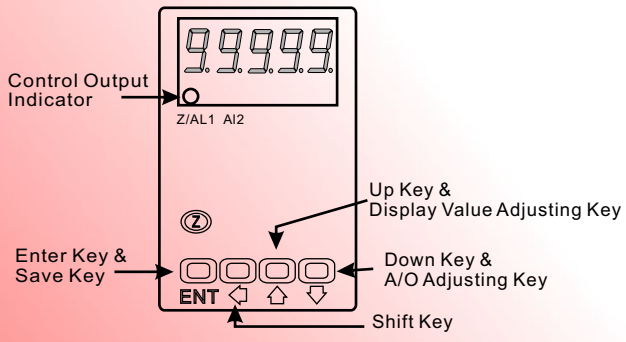
5 Digit Micro Processor Temperature (Thermocouple) Isolated Transmitter

CE

Features

- Versatile output selection : 4~20mA, 0~20mA, 0~5V, 0~10V
- Accuracy : ± 0.2% F.S., ± 0.5 degree C (cold junction compensation)
- Measuring Temperature (TC) sensors for K, J, E, R, S, B, T types
- Measuring sensors disconnection
- 1 decimal point selectable
- Degree C / degree F units selectable
- 1 control output : ON/OFF proportion programmable
- High stability, non-flammable case (PC), high safety

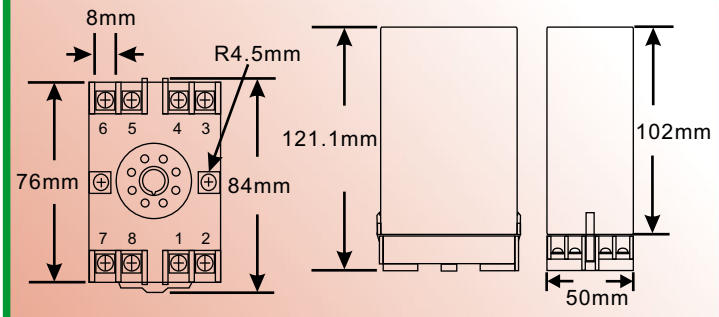
Front Panel & Key Functions



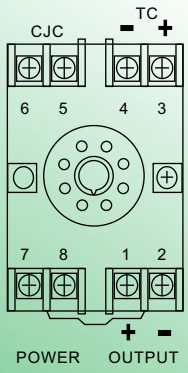
Specifications

- Output Selection : 4~20mA, 0~20mA, 0~5V, 0~10V
- Accuracy : ± 0.2% F.S., ± 0.5 degree C (cold junction compensation)
- Display Screen : High brightness red LED; 10.16mm(0.4")
- Parameters Setting : Push buttons
- Back Up Memory : EEPROM
- Over Range Indication : doFL/ioFL or -doFL/-ioFL
- Disconnection Indication : Automatic with "OPEn" indication
- Analog Output Resolution : 15-bit
- Output Ripple : ≦± 0.1% F.S.
- Output Response Time : ＜250 msec (0~90%)
- Output Capability : Voltage Output :＜10V, Current Output :＜20mA
- Isolation : Input / Output / Power / Case
- Insulation Resistance : ＞100MΩ with 500Vdc
- Surge Test : 2KVac/1min
- Input Impendence : Voltage : ＞2V for 20KΩ/V; ≦2V for ＞200MΩ, Current : ≧0.2A at 100mV; ＜0.2A at 1V
- Temperature Coefficient : 100ppm/ °C (0 °C ~ 60 °C)
- Operating Temperature : 0 °C ~ 60 °C
- Operating Humidity : 20~90% RH, non-condensing
- Storage Temperature : -10 °C ~ 70 °C
- Storage Humidity : 20~90% RH, non-condensing
- Power requirement : 110Vac, 220Vac
- Installation : Socket / Plug-in

Dimensions



Wiring Connection



Ordering Information

ATM-T - Code 1 - Code 2 - Code 3

Code 1	Input Type
B	200~1800℃
E	-185~990℃
J	-200~760℃
K	-200~1360℃
R	0~1760℃
S	0~1750℃
T	-200~395℃
O	Option

Code 2	Aux. Power
A	AC/DC 100~240V
D	AC/DC 22~60V
O	Option

Code 3	Analog Output
1	4~20mA
2	0~20mA
3	0~5V
4	0~10V
O	Option