4 DIGITAL PID TEMPERATURE CONTROLLER with ALARMS / ANALOG OUTPUT / RS-485

E4T

FEATURES

- Din rail mount or panel mount, easily installation
- Measuring Thermocouple / PT-100 / mAdc / Vdc
- Display range: -1999~9999; decimal point selectable
- 2 alarms output / 2 analog output optional
- RS-485 communication optional
- High stability, non-flammable case (PC), high safety

ORDER INFORMATION: ET4 - Code 1 0 Code 2 - Code 3 Code 4 Code 5 - Code 6 SP1

Code 1	Control Output
0	None
1	Relay
2	Volt for SSR
3	4~20mA
4	Option

Code 2	Alarm Output
0	None
1	1 Relay
2	2 Relays

Code 3	Analog Output
0	None
1	PV DC4~20mA *1
2	PV DC4~20mA *2
3	SV DC4~20mA *1
4	SV DC4~20mA *2
5	Option

Code 4	Input Type
1	Thermocouple
2	PT-100
3	CU50
4	4~20mA
5	Option

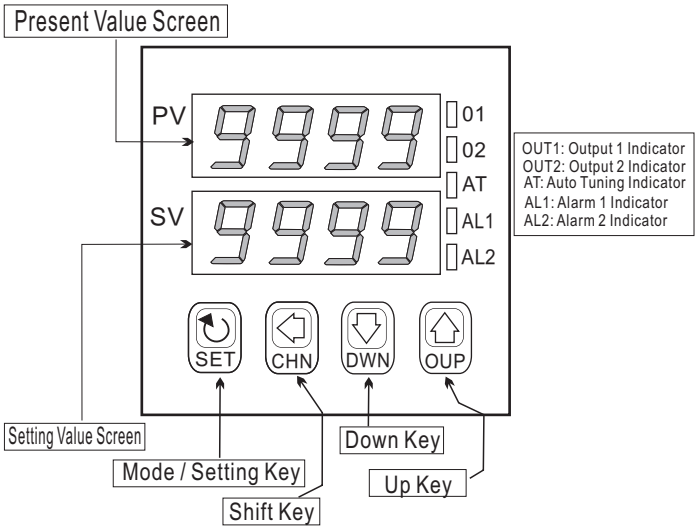
Code 5	Communication
0	None
1	Rs-485
2	Modbus

Code 6	Pin Connection
8	8P
11	11P

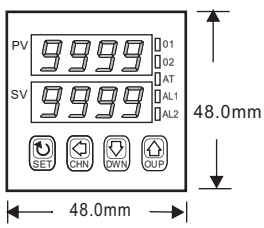
SPECIFICATION

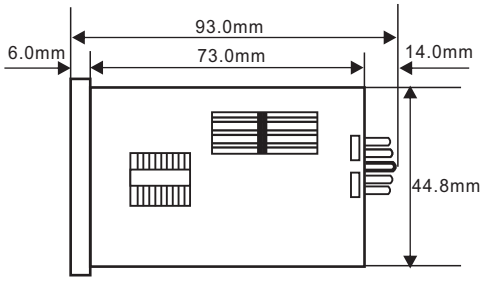
- ♦ Power Supply: AC85~265V(50/60Hz)
- ♦ Power Consumpt.: 5VA
- ♦ Accuracy: 0.2% FS
- ♦ Control Accuracy: ±1PV (Under Auto tuning PID function)
- ♦ Resolution: 14 bit
- ♦ Sampling Cycle: 150ms
- ♦ Thermocouple: K, J, R, S, B, E, T
- ♦ RTD: PT-100, CU50
- ♦ DC Signal: 4~20mA,1~5V, 0~20mA, 0~10V, 0~50mV
- ♦ Relay Contact: 5A, 220V; Life: above 100000 (Under rate load); cycle: 15sec
- ♦ SSR Signal: SSR drive: ON:24V:OFF:0V; Max. current: 40mA; cycle: 1sec
- ♦ Analog Output: 4~20mA, 1~5V, 2~10V
- ♦ Alarm Output: PID, P, PI, PD, ON/OFF control, Auto tuning PID
- ♦ Relay Contact: 5A, 220V; Life: above 100000 (Under rate load)
- ♦ PV Transmission: PV of DC4~20mA transmission can have 1 or 2 analog outputs
- ♦ SV Transmission: SV of DC4~20mA transmission can have 1 or 2 analog outputs
- ♦ Communication: RS-485 or Modbus
- ♦ Operating Temp.: -10~50℃; 0~85%RH (non-condensing)
- ♦ Weight: About 150g

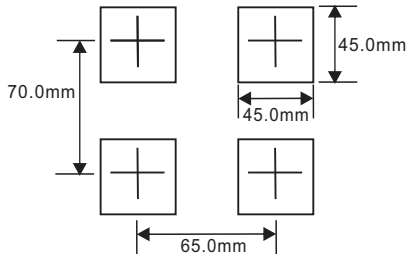
FRONT PANEL & KEY FUNCTIONS



DIMENSIONS



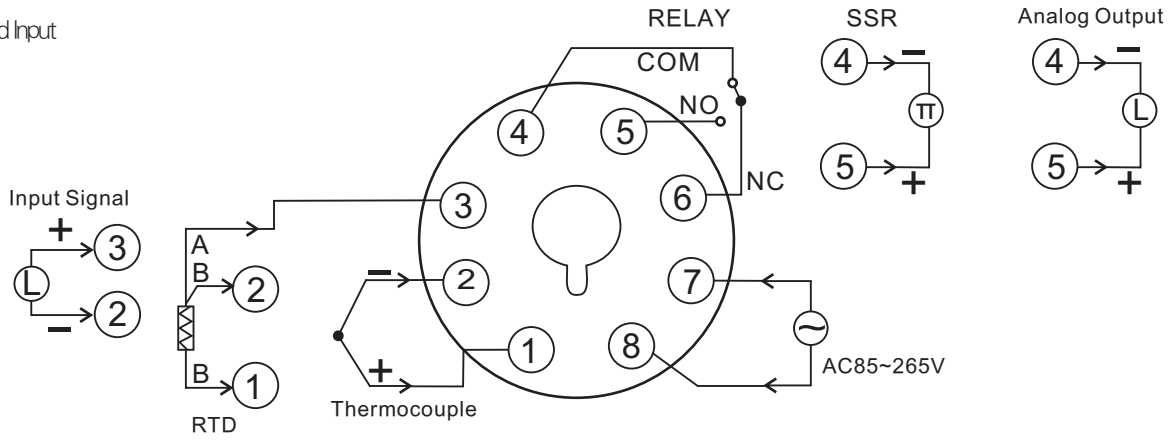




■ WIRING CONNECTION

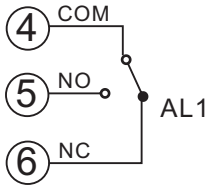
● 8 Pins Connection

A. Standard Input



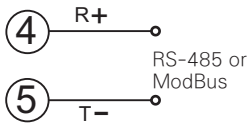
B. Optional Output

Relay Output



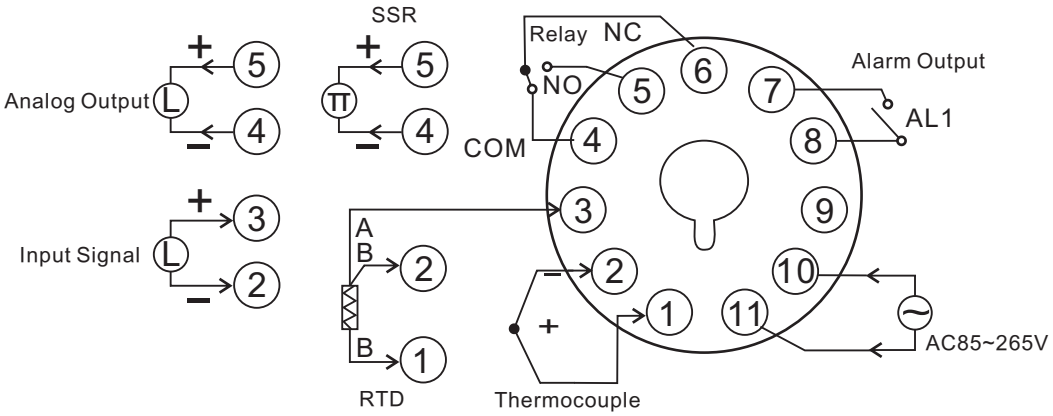
Analog Output

Communication



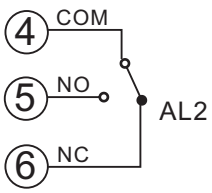
● 11 Pins Connection

A. Standard Input

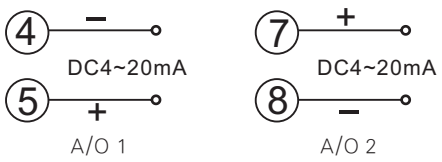


B. Optional Output

Relay Output



Analog Output



Communication