



**FEATURES:**

- Dual LED display
- Fahrenheit and Celsius
- Display range -199~1800°C
- Auto-tuning PID adjustment to choose for different applications or environments to be controlled
- Available for many TC or RTD inputs

**SPECIFICATIONS:**

**Power Supply:** 90-260V AC/DC or 18-30V DC

**Consumption:** ≤ 5VA

**Display Range:** -199—1800°C

**Accuracy:** 0.3% F.S ± 2 digit

**Sampling Cycle:** ≤ 300ms

**Main Output:** RELAY: normally open, AC 250V/3A, DC 30V/3A, SSR/Logic: 24VDC ± 2V/20mA

**Alarm:** RELAY: normally open, AC 250V/3A, DC30V/3A, SSR/Logic: 24VDC ± 2V/30mA

**Withstanding Voltage Strength:** 1500V Rms (Between power terminal and the housing)

**Insulation resistance:** Min 50M Ω (500V DC) (Between power terminal and the housing)

**Environmental temperature:** 0-50°C

**Environmental humidity:** 35-85% RH

**Weight:** ≤250 grams

1. Measured Value (PV) / parameter symbols
2. Set Value (SV) / parameters pre-set value
3. Indication lamps

**OUT 1:** Heating/Main control output lamp  
On: Output—Off: No output

**OUT 2/AL2:** Colling/Alarm 2 output lamp  
On: Output—Off: No output

**AT/M:** On : manual operation—Off : auto operation— Flash : under autotuning estate

**P/MV:** SV/MV display setting

**AL1:** Alarm 1 lamp On: Alarm—Off : No alarm

**AL2:** Alarm 2 lamp On: Alarm—Off : No alarm

4. Set key, Parameter Setting/Changing
5. Shift/Autotune key (Press this key to shift digit of parameter valve setting. Or hold this key for more than 3 seconds can enter/quit autotune estate. When entering autotune estate AT lamp is off.
6. Down Key
7. Up key

