

## Features

- Apply with step control, 2 independent PID control for heating/cooling over temperature, pressure, level, flow, etc. Widely used in auto system in line of light industry, chemistry, machine, metallurgy, ceramics, petrifaction industry, or temperature control and adjust system of food & beverage, oven, furnace, plastic extruder heating process etc;
- One key operation, Auto-tuning PID/ Fuzzy PID control. Easy operation, Reliable performance
- Input: TC (K, J, S, E, T, R, B) / RTD (Pt100, CU50) universal input, or 4-20mA/0-10V signal from standard pressure/level transmitter, (24V/30mA supply available for standard transmitter)
- Control output: RELAY SSR SCR 4-20mA 0-10V (If 4-20mA output, you can choose PID control or analog output)  
Alarm output: 2 lines output, 7 kinds of alarm mode: high / low / high deviation / low deviation / interval / out of interval / breakage alarm



## Code Illustration

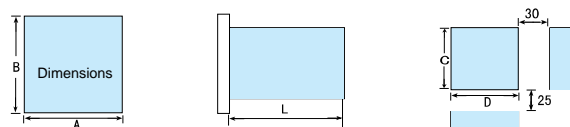
TA	□	□	□	□	□	Input:	Blank: TC/RTD: K J E S T B R Pt100 CU50
							1: 4-20mA 0-10V 0-75mV
							2: 4-20mA 0-10V Pt100
							F: Others
						AL1:	R: RELAY S: SSR N: None
						OUT2/AL2:	R: RELAY S: SSR N: None
						OUT1:	R: RELAY S: SSR N: None
							I: 4-20mA V: 0-10V C: Others
						Power supply:	Blank: 90-260V AC/DC 50/60HZ
							E: 12-30V AC/DC / 24V DC
						Size:	4: 48H*48W 6: 96H*48W 7: 72H*72W
							8: 48H*96W 9: 96H*96W 10: 80H*160W

For example: TA4-INR1  
48\*48\*80mm size, 90-260V AC/DC power supply, 4-20mA output, 1 relay output control, 4-20mA input.

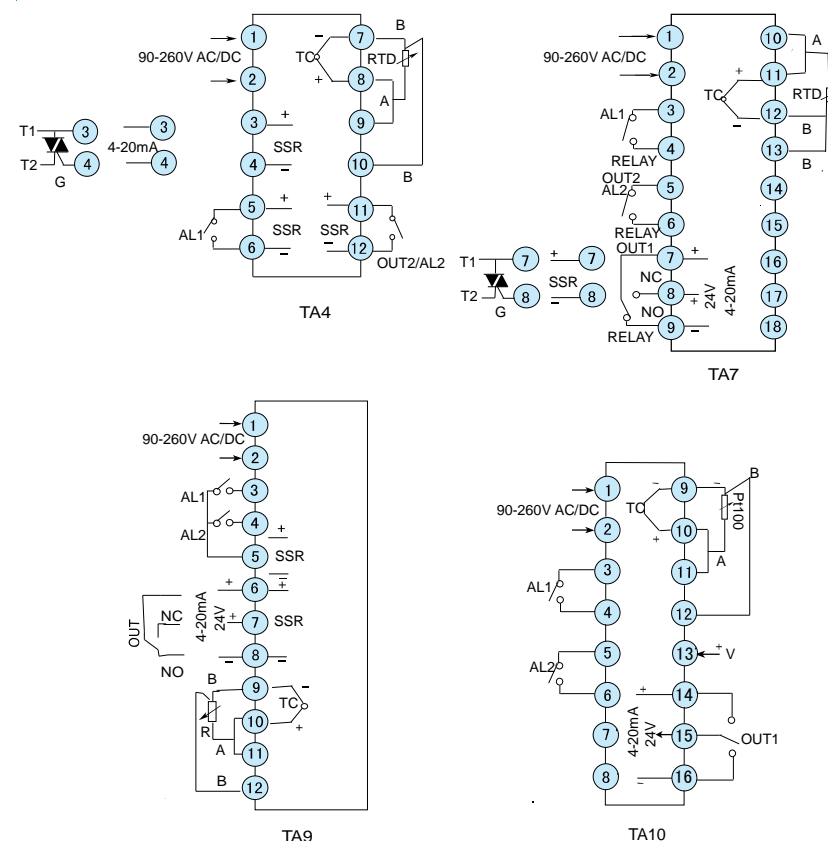
## Specification

Power Supply	90-265V AC/DC or 12-30V AC/DC Consumption 5VA
Display	TC/RTD : 200-1800. 4-20mA 0-10V : 1999-9999
Signal Input	Thermocouple: T, J, K, E, B, S/R etc. RTD: Pt100, Cu50, or 4-20mA/0-100mV/0-10V
OUT1 Output	R: Relay S: Solid-state relay T: SCR I: 4-20mA V: 0-10V
AL1 Output	RELAY: 3A/250V AC OR 5A/30V DC COSΦ=1, 8 kinds of output functions
OUT2/AL2 Output	PID cooling control or AL2 output
Control	ON/OFF or PID control
Accuracy	±0.3%FS±2digit
Weight	about 250g

## Mounting and Installation



## Diagram



Note: Any change, please refer to the label on the meter.