

principle and characteristics

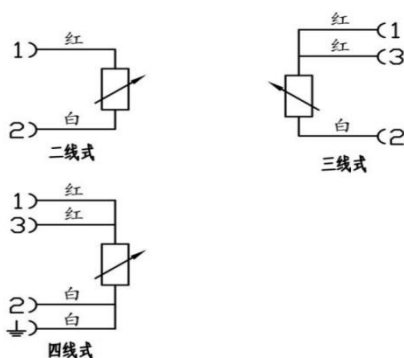
The T310 includes a PT100 probe. PT100 resistance varies with temperature. The T310 is available in two wire, three wire and four wire types.

Simple installation, a variety of range optional, a variety of specifications probe optional, stainless steel housing, compact and firm structure. And can be equipped with field instrument and cabinet type control table.

product application

It can be used in water supply system, hydraulic system, pneumatic system, cooling system, heating system, air conditioning system, automation engineering, etc.

wiring diagram



technical specification

- ◆ Measuring range:  $-50^{\circ}\text{C} \dots 200^{\circ}\text{C}$  (user-defined)
- ◆ Linear degree:  $< 0.1\%$
- ◆ Accuracy:  $\pm 0.2\text{K} + 0.2\%$  full scale
- ◆ Resolution: 0.1K
- ◆ Pressure:  $\Phi 6$  type: probe 400bar,  $\Phi 8$  type: probe 100bar
- ◆ Temperature effect: 0.1K/10K
- ◆ Response time: 2.3 seconds
- ◆ Working voltage: 12... 30Vdc
- ◆ Electrical protection: anti-pole, overload protection
- ◆ Sensor: PT100
- ◆ Ambient temperature:  $-25 \dots 80^{\circ}\text{C}$
- ◆ Protection grade: IP65
- ◆ Shell material: 304 stainless steel
- ◆ Contact part material: 304 stainless steel
- ◆ Electrical connection: Hersman

Selection table

T310-	A	D1	F	specification
T310-				T310 series (sanitary type) PT100 temperature sensor
	A			Probe length L 25mm (without thread)
	B			Probe length L 50mm (without thread)
	C			Probe length L is 75mm (without thread)
	D			Probe length L is 100mm (without thread)
	L...			Custom probe length L= mm (without thread)
		D1		The probe diameter is $\Phi 6$
		D2		The probe diameter is $\Phi 8$
		D12		Custom probe, for example diameter $\Phi 12$
			F	flange

\* The selection table is only available for parameter selection, and the corresponding code is delivered.

dimension figure

