

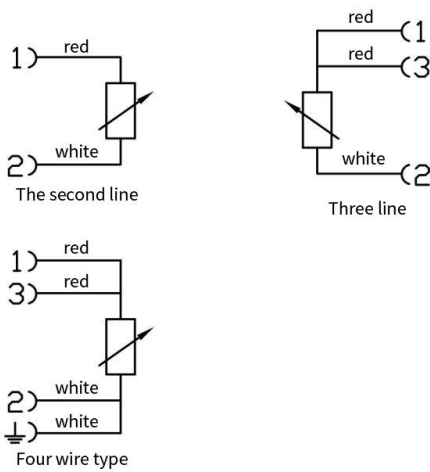


A

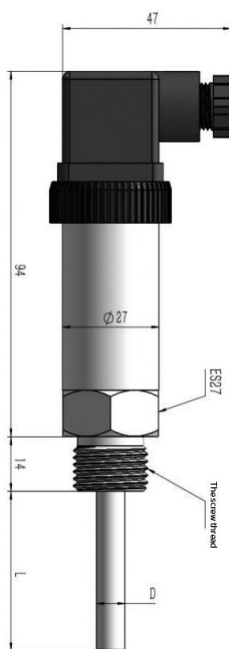


B

The wiring diagram



Size chart



The principle of structure

The T30 contains a PT100 probe whose resistance varies with temperature. PT100 is available in two-wire, three-wire and four-wire specifications.

The characteristics of

Simple installation, a variety of range can be selected, a variety of specifications of the probe can be selected, all stainless steel shell, compact structure. And optional cabinet - mounted control table.

application

T30 system temperature switch can meet different requirements for temperature control in hydraulic, lubricating, and traditional systems. It is used to check whether the temperature exceeds the upper limit or the lower limit.

Technical parameters

- ◆ Measuring range : PT100
- ◆ Accuracy level: A level
- ◆ Margin of error : $\pm 0.15 + 0.002xt$
- ◆ Pressure resistance: 6 type probe 40bar
8 type probe 100bar
- ◆ Shell material: stainless steel
- ◆ Contact part material: stainless steel 1.4571
- ◆ Electrical connection: terminal connection
- ◆ Wiring mode: Terminal wiring
- ◆ Protection grade : IP65

Selection table

T30	A	6	25	G12	M	--	detail ed
T30-							PT100 temperature sensor
	A						Atype
	B						Btype
		6					The probe diameter is 6
		8					The probe diameter is 8
			25				The probe length L is25mm
			50				The probe length L is50mm
			75				The probe length L is75mm
			100				The probe length L is100mm
				G14			The screw thread interfaceG1/4
				G12			The screw thread interfaceG1/2
					M		External thread connection
						X	Length of type B outlet shielding wire, in m

Note: Special probe length, process connection requirements can be customized

Optional Attachment 2-DF001 Quantity control table

Display control table DF001, the display control table is used with ST30 series PT100 temperature sensor, the function is to display and control the temperature value. And can set the value of output switch alarm signal.



The characteristics of

- ◆ Four LED digital display
- ◆ The input specifications : J,K,S,T,E,B,N,C,DIN-P T100,JIE-PT100,4~20mA,0-50mV,1~5V,0~10V
- ◆ Control: P control: 0.0~300.0%F.S
differential : 0~900sec
ON/OFF Control: The hysteresis ranges from 0 to 2000
- ◆ Sampling period : 0.5s
- ◆ Operating temperature: 0... 50 ,
humidity: 90%

DF001 selection table

DF001-	-	Z	L	A	O	O	T	detail ed
DF001-								The control table DF001 is displayed
		Z						Dimensions 96 × 96 (square)
		H						Dimensions 96 × 48 (horizontal)
			L					Input: linear signal
			P					Input: thermal resistance
			T					Input: thermocouple
				A				Main output: 4... 20mA
				B				Main output: Solid state relay trigger output
					O			No auxiliary output
					Q1			Auxiliary output: one way relay alarm
					Q2			Auxiliary output: two relay alarm
					Q3			Auxiliary output: three relay alarm
						O		No communication interface output
						R2		Communication interface RS232
						R4		Communication port RS485
							D	DC24 ± 10%The power supply
							T	AC90...260VThe power supply

After the selection, please check the information, in case of selection error!

1. Whether the models are consistent with your requirements
2. The range is correct
3. Check whether the type and quantity of output signals are correct
4. Check whether there are options and accessories