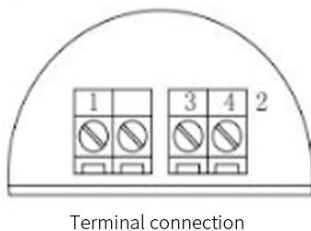
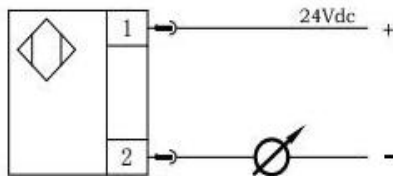


wiring diagram



Terminal connection



principle and characteristics

T55D is a temperature transmitter with a wide measurement range. The temperature is measured by thermocouple or PT100 thermal resistor. The signal is processed by the rear processing circuit and converted into standard industrial electrical signal output. The blank metal housing design makes this series of products can be used in a variety of industrial occasions. HART output is optional. Electronic head part can be rotated, users can adjust the direction of cable outlet according to requirements.

technical specification

- ◆ Power supply voltage :10... 30Vdc
- ◆ Current consumption: Consistent with the output signal current (4... 20 ma)
- ◆ 2-wire current type analog output:  
Output type :2 wire 4... 20mA  
Load Ra (Ohm) : Ra ≤(US-10)V/0.02A  
Linearity: ≤ ± 0.5% range  
Sensor :PT100Class A (PT1000 can be customized)
- ◆ Accuracy: ≤ ± 0.2% range
- ◆ temperature:  
Medium temperature : -200... 1800 ° C (within this range, as defined by the user)  
Ambient temperature : -20... 80 ° C  
Storage temperature : -30... 100 ° C
- ◆ materials:Shell: die-cast aluminum  
Medium contact part: stainless steel 304
- ◆ Protection grade :IP65
- ◆ Outgoing way: terminal wiring

Selection table

T55D-	F...	T	4	L	G4H	D1	/100	specification
T55D-								T55D series universal temperature
	F...							Customized range: -200... 1800 °C
		P						PT100 resistance output
		P1						Armoured type PT100 resistance output
		B						Thermocouple: platinum rhodium 30-platinum rhodium 6 (0-1600°C)
		R						Thermocouple: platinum rhodium 13-platinum (0-1300°C)
		S						Thermocouple: Platinum-rhodium 10-
		N						Thermocouple: Ni-Cr-Si - Ni-Si (0-1000°C)
		K						Thermocouple: Ni-Cr - Ni-Si (0-900°C)
		E						Thermocouple: Ni-Cr - Constantan (0-
		J						Thermocouple: Iron - Constantan (0-500°C)
		T						Thermocouple: copper-constantan (0-
			4					4-20mA analog output
				L				The length of the neck tube is 50mm
				K				Threaded connection with movable sleeve
					G4H			Male thread connection G1/4
					G2H			Male thread connection G1/2
					K5H			External health chuck 50.5
					M2H			Threaded interface M20*1.5
					D...			Flange connection, DN25, Type selection:
								Custom thread
						D1		The probe diameter is Φ6
						D2		The probe diameter is Φ8
						D12		Custom probe. for example diameter Φ 12
						/L...		Custom probe length L= mm (without thread)
						/100		Probe length L is 100mm (without thread)

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

dimensi on figure

