

**Main Specifications**

▼ **Installation type**  
Head-mounting

▼ **Input signal**  
Pt100 (3-wire)  
Cable resistance ▼  
≤50Ω (3 wires with the same resistance)

▼ **Output signal**  
4~20mA (2-wire)

▼ **Power supply**  
10~30VDC

▼ **Stability** ▼  
±0.025% / V

▼ **Temperature range**  
-50~200°C  
Other temperature range are available upon request

▼ **Ambient temperature**  
-20~60°C

▼ **Operating humidity**  
0~95%R.H. (non-condensate)

▼ **Protection level**  
Case: IP30  
Terminal: IP10

**Other Specifications**

▼ **Case**  
ABS

▼ **Measuring elements**  
Pt100

▼ **Sensor current**  
<0.8mA

▼ **Response time**  
<250ms

▼ **Zero & span adjustment range**  
±10%

▼ **Accuracy**  
±0.1%F.S.

▼ **Temperature calibration**  
20~28°C

▼ **Temperature drift**  
<±0.015%F.S./°C

▼ **Load resistance**  
≤ (Supply voltage - 8V)/0.02AΩ  
Stability ▼  
±0.05% / 100Ω

▼ **Pt100Ω signal disconnect protection & output**  
>23mA

▼ **Pt100Ω signal short circuit, protection & output**  
<3mA

▼ **Weight**  
40g

▼ **Other requests (Option)**  
Third party notarized documents  
Inspection report  
Tag

# Temperature Transmitter (For head-mounting type)

**Model: TT-01**

## Introduction

TT-01 adopts Pt100 as temperature measuring element for linear measurement. To avoid temperature signal attenuation during long-distance transmission, it converts Pt100Ω into standard analog current output 4~20mA DC (2-wire). In this way, a stable and accurate figure can be collected and shown on the display of terminal instrument. The instrument includes PLC, digital display, industrial computer, etc.

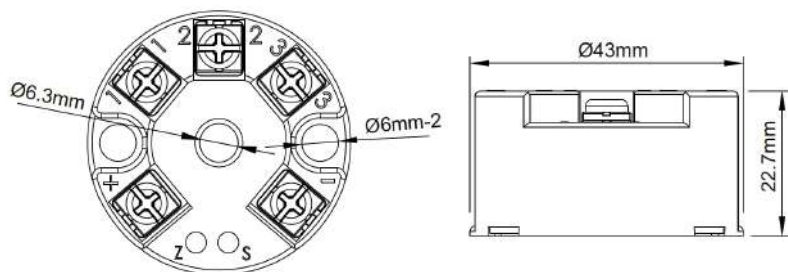


Due to the variety of customization, the picture is only for reference, please confirm the actual item with our sales. (If there is any change on specification, please take the latest version as standard.)

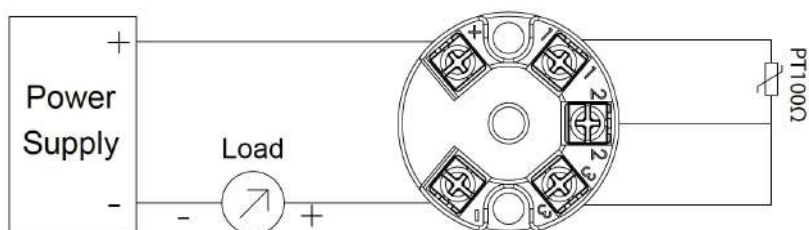
## Features

- Output signal 4-20Ma
- Measurable temperature range -50~200°C
- Adopts Pt100 as temperature measuring elements, ensuring high accuracy ±0.1%F.S.

## Dimension



## Wiring dimension



## How to Order

TT-01		Temperature Transmitter (For head-mounting type)		
		Code	Installation type	
		H	Head-mounting	
		Code	Output signal	
		F	4~20mA (2-wire)	
		Code	Temperature range	
		A	-50~50°C	
		B	-50~0°C	
		C	0~50°C	
		D	0~100°C	
		E	0~200°C	
		O	Others	
		Code	Other request	
		/A	Third party notarized documents	
		/B	Inspection report	
		/C	Tag	
TT-01	H	F	D	Order example: TT-01-H-F-D