CS-TT05 Series General Temperature Transmitter

Product Features

- Length of the tube can be ordered
- Measuring range: -100～60℃
- Accuracy: ±2℃
- Output: 3-wire4~20mA
- Electrical connection: Cable outlet
- Temperature connection: 1" pipe outer hoop
- High accuracy and high cost performance
- Suitable for mass production

Applications

- General temperature measurement
- Measurement and control technology
- Constant temperature water supply

Product Description

Designed for general temperature measurement, CS-TT05 series temperature transmitters adopt conventional temperature probe, and these feature stable quality and high cost performance.

CS-TT05 series temperature transmitters are widely used in various temperaturemeasurement fields. We can supply you in short term products with different temperaturerange and probe tubedimensionsto meet your specific applications.

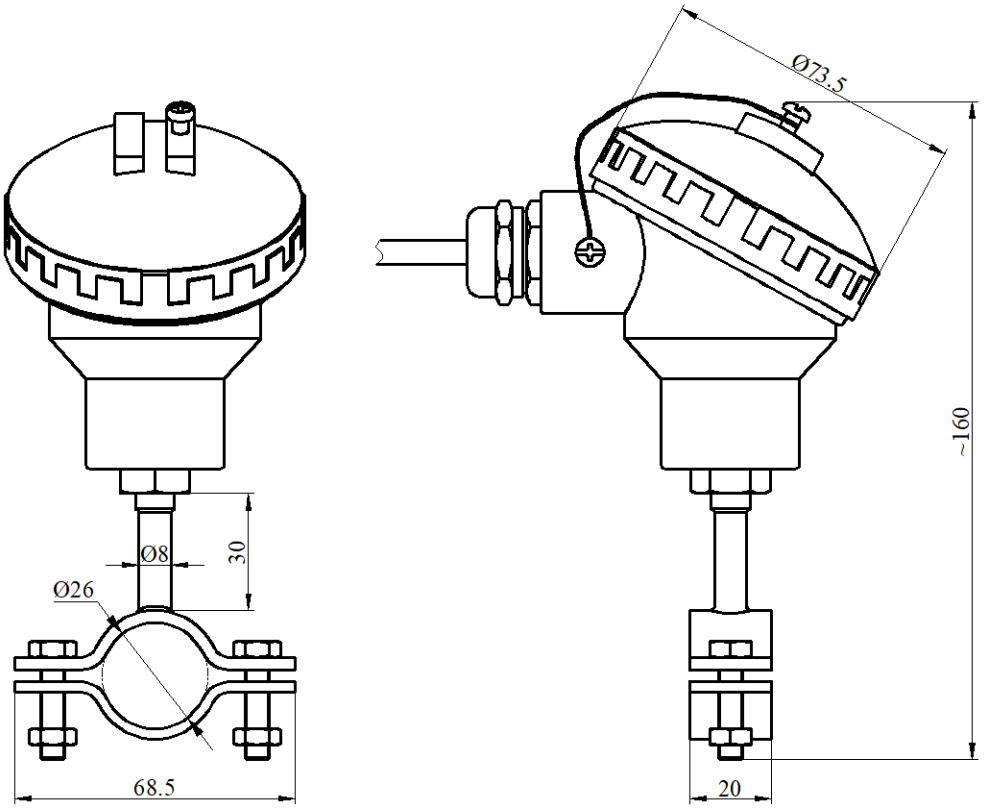
Performance Parameters

Temperature: 25℃, Power: 12VDC, RH: 45%~75%, Atmospheric pressure: 86KPa～106KPa

Temperature Range	-100~60℃
Output Signal	3-wire4~20mA
Power supply (U+)	8~30VDC
Output Load	≤(U+ - 8) / 0.023Ω
Over Voltage	30VDC
Reverse Voltage	-30VDC
Accuracy at Room Temperature	±2℃
Medium Temperature	-100~60℃
Ambient Temperature	-20~60℃
Storage Temperature	-20~60℃

Long-term Stability	±0.5%F.S / year
Settling Time	(10%～90%) ≤10ms
Temperature Connection	1" pipe outer hoop
Electrical Connection	Cable outlet
Insulation Resistance	≥ 100MΩ@100VDC
Insulate Intensity	100VDC@60S, no arc or breakdown
Vibration Resistance	10g, 5~2000Hz
Shock Resistance	20g, 11ms half sine
Ingress Protection	≥ IP67
Probe Materials	304 Stainless Steel
Housing Material	Cast aluminum

Structures and Dimensions



Wiring Definition

	Pin	Definition	Wire Color
	1	Power Supply+ (U+)	Red
	2	Current Output (Io)	Blue
	3	Power Supply-（GND）	Yellow

Notice:

a. It’s prohibited to open the transmitter by users for calibration or repair.

b. Please contact us if you’re not sure whether the transmitter is suitable for the ambient.

c. The transmitter should be installed in a location that is not easily bumped or stepped on.

d. Exceeding of the transmitter overload transmitter may cause permanent damage.

e. Where lightning may occur, customers should consider lightning protection measures.