Temperature sensors

Temperature Transmitter, -100 to 60°C, Pipe Outer Hoop

Model CS-TT05

General temperature transmitter for -100~60°C with ±2°C accuracy, 3-wire 4–20mA output and 8–30VDC supply, fitted to a 1" pipe with an outer hoop.



Accuracy
±2°C

Output
3-wire4–20mA

Supply voltage
8–30VDC

Features

- Tube length can be ordered
- Cable outlet electrical connection
- 1" pipe outer hoop mounting
- Ambient temperature -20–60°C
- Suitable for mass production

Applications

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

Specifications

Performance parameters

Reference conditions	Temperature: 25°C, Power: 12VDC, RH: 45%~75%, Atmospheric pressure: 86KPa~106KPa
Temperature range	-100–60°C
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°C
Medium temperature	-100–60°C
Ambient temperature	-20–60°C

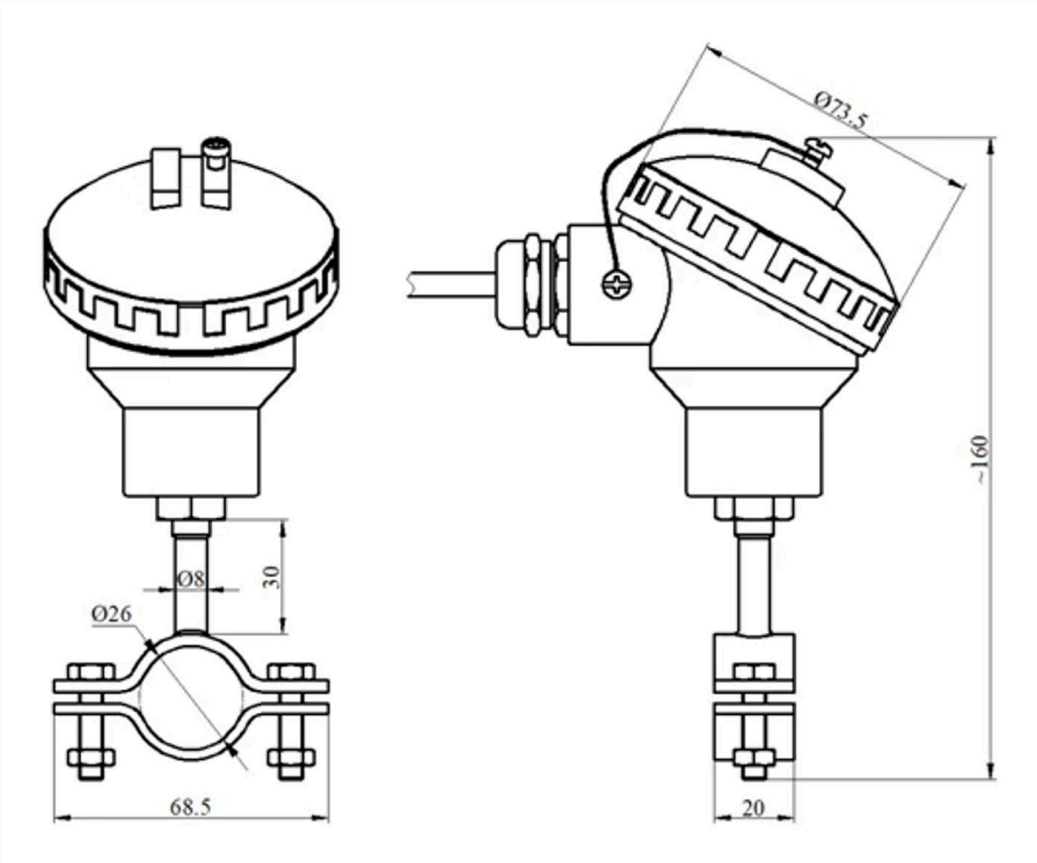
Storage temperature	-20–60°C
Long-term stability	±0.5%F.S / year
Settling time	(10%~90%) ≤10ms
Temperature connection	1" pipe outer hoop

Ordering and support

Pricing, samples, lead time and custom versions: dwinsales@163.com, +86 181 0280 8901.

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Dimensions and wiring





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

Drawings are for reference. Dimensions in millimetres unless stated.