

RTD Temperature Sensors TYPE TS31

Features:

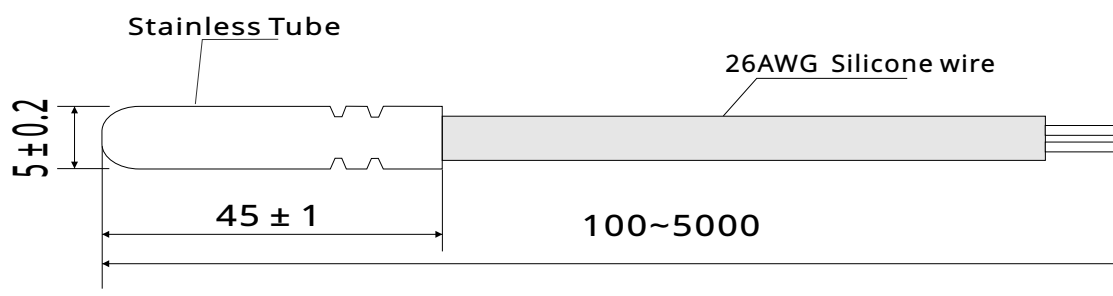
- Multiple element options: Pt100, Pt200, Pt500, Pt1000
- High accuracy and superior long-term stability
- Support 2-wire, 3-wire and 4-wire connection modes
- Waterproof stainless steel probe, resistant to corrosion and moisture
- Compliant with DIN EN 60751 international industrial standard
- Wide operating temperature range: -200°C to 850°C

Applications:

- HVAC heating, ventilation and air conditioning systems
- Industrial equipment, drying ovens and constant temperature cabinets
- Automotive coolant, oil and exhaust temperature monitoring
- Household appliances such as ovens, water dispensers and refrigerators
- Medical equipment, 3D printing and industrial process temperature detection

Dimensions mm:

TS31:



Specification:

Product Number	R0	Tolerance	Dissipation factor mW/°C	Time constant In still air	Max Power at 25°C	Operating temperature
TS31-PT1000A	1000Ω	Class A	approx. 6.0	approx. 20s	50mW	-50~400°C
TS31-PT1000B	1000Ω	Class B				
TS31-PT100A	100Ω	Class A				
TS31-PT100B	100Ω	Class B				
TS31-PT500A	500Ω	Class A				
TS31-PT500B	500Ω	Class B				

- Lead wires length, resistance and B value could as per customer specification.
- Alternative specifications can be provided on request.