

PCT10 Industrial Temperature Sensor

Features

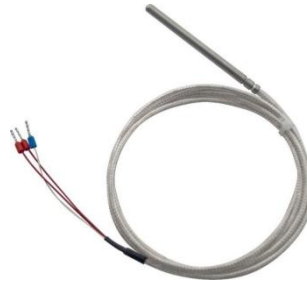
- Long-term stable work
- Fast response
- easy to install
- High level of protection
- Integrated structure

Applications

- Equipment support
- Automatic temperature measurement and control systems such as pumps, compressors, natural gas pipelines, etc.
- Temperature measurement of water or oil in petroleum, chemical, electric power, textile, and environmental protection fields, etc.

Notes:

- 1 When measuring temperature, the temperature measuring element should reach thermal equilibrium with the measured object.
- 2 Make sure the insertion length is accurate.
- 3 Please read the Instruction Manual of the product carefully before installation and check the relevant information of the product.
- 4 Strictly follow the wiring method for wiring, otherwise it may cause product damage or other potential faults.
- 5 Misuse of the product may cause danger or personal injury.



Product overview

PCT10 Industrial Temperature Sensor measures medium temperature by using the characteristics of platinum resistance, which changes with temperature change in a certain functional relationship. It adopts imported high-performance, high-reliability platinum resistance, could satisfy the long-term stable work.

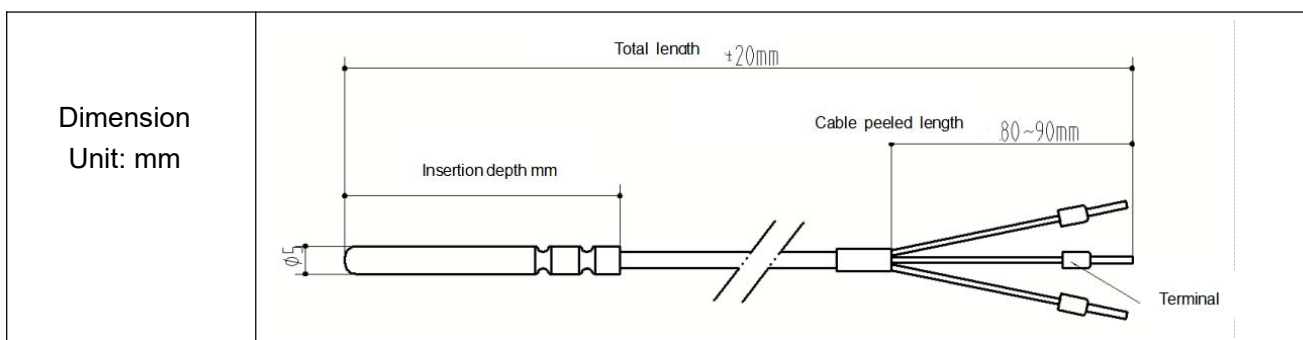
Notes:

- 1 Do not misuse documentation.
- 2 The information presented in this product sheet is for reference only. Do not use this document as a product installation guide.
- 3 Complete installation, operation, and maintenance information is provided in the instructions of the product.
- 4 Misuse of the product may cause danger or personal injury.

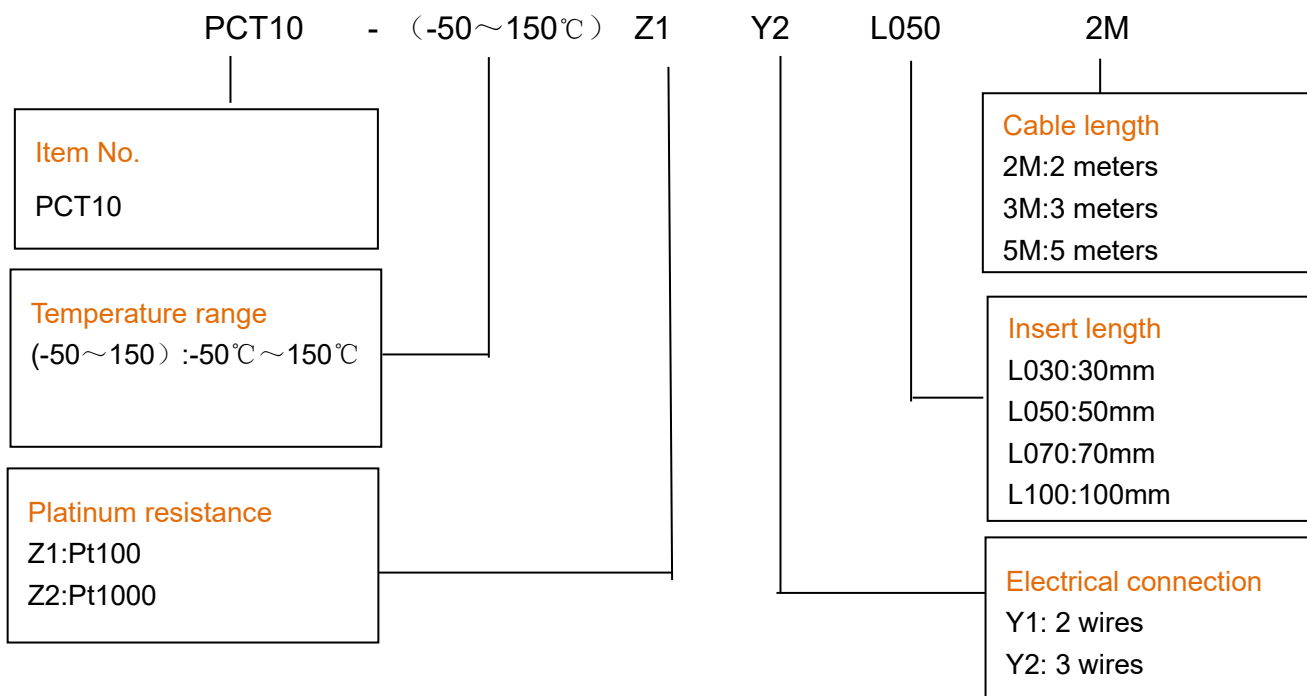
Performance parameter

Temperature range	-50°C to 150°C
Sensitive element	Pt100 Grade A、Pt1000 Grade A
Insulation strength	100MΩ/250VDC
Response time	≤30s
Long-term stability	≤0.2%FS/year
Insert diameter	Φ5mm
Storage temperature	-40°C ~ 85°C
Electrical connections	Cable outlet
Protection grade	IP67
The probe material	304

Structure



How to order



For example:PCT10-(-50~150)Z1Y2L050-2M

The model is PCT10, (-50~150): temperature range -50°C ~ 150°C, Z1: Platinum resistance Pt100, Y2:Electrical connection 3 wires, L050: Insert length 50mm, 2M: Cable length 2 meters



Ordering tips

1. Please ensure compatibility between measured medium and the contacting part of product when placing an order.
2. For special requirements for product appearance or performance parameters, our company can provide customization.

Wotian reserves the right to make changes to any product in this publication without notice. The information we supply is believed to be accurate and reliable as of this printing.

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