

INDUSTRIAL PRODUCT DATASHEET

PT1000 Temperature Sensor Probe with Anti-Corrosion Stainless Steel

The PT 1000 temperature sensor accurately measures temperatures between -50°C and 300°C, making it an excellent choice for industrial applications. This platinum resistance temperature sensor is suitable for measuring the temperature of gases, liquids, and solids.

SKU

314010819

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Overview



Figure 1. 314010819 Pt1000 Temperature Sensor 45Font

The PT 1000 temperature sensor accurately measures temperatures between -50°C and 300°C , making it an excellent choice for industrial applications. This platinum resistance temperature sensor is suitable for measuring the temperature of gases, liquids, and solids.

Key Features

01

High-performance

anti-interference and long-term stability

02

Easy to install

small size, lightweight, easy to install

03

Fast response

sensitive to temperature changes and responds quickly

04

Wide temperature range

a wide range of -50°C to 300°C

Product Gallery



Figure 1. 314010819 Pt1000 Temperature Sensor Font



Figure 2. 314010819 Pt1000 Temperature Sensor Feature



Figure 3. 314010819 Pt1000 Temperature Sensor Feature

Specification

sensecap@seeed.cc

sensecap@seeed.cc	
Temperature(PT1000)	
Measuring element	RTD platinum resistance Pt1000
Measuring medium	Solid, liquid or gas (compatible with contact material)
Range	-50 to 300 °C (For other range customization contact , MOQ 300pcs)
Accuracy	Class B+ (@typical ±0.5°C)
Wire material	PTFE silver-plated wire (3-wire)
Probe Enclosure	304 stainless steel
Operating Temperature	-50 to 200°C(Cable); -50 to 300°C (Probe)
IP Rating	IP68
Probe length	4 * 30mm
Cable length	3meters

Applications

Liquid detection

Food monitoring

Storage cold chain

Aquaculture solutions

Compliance & Logistics

HSCODE	9025191010
USHSCODE	9025194000
UPC	
EUHSCODE	9013101000
COO	CHINA

Logistics	Value
ECCN	EAR99
HSCODE	9025191010
USHSCODE	9025194000
EUHSCODE	9013101000
COO	CHINA

Resource Links

- <https://www.seeedstudio.com/PT1000-Temperature-Sensor-p-5827.html>
- [PT1000 Specification](#)

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