

Type of thermocouple: PT100

Chip: (Heraeus) german original Chip, Stable and High Precision

Wire: Pt100 special PTFE silver-plated shielded wire

Size:

Sensor OD: 3mm (+0, -0.03) down the deviation

Effective length: 15mm

Cable length: 1500mm

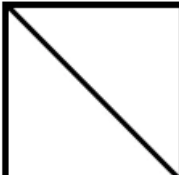









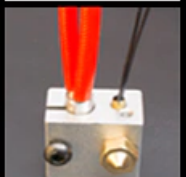




The range of Temperature: 0~450 Degree

There are two type connectors for you to choose.

1. Type A: KF 2 PIN connector (specifically for UM2 motherboards)
2. Type B: Y-type 3 wire terminal

PT100 shielded wire , the maximum temperature of teflon is approx. 260 degrees. To ensure the pt100 to measure the higher temperature, we use double fibreglass sleeving and 1000-degree thermal adhesive to protect the wire. To make working temperature is able to up to 450 degrees, and avoid the short-circuit or damage during operation.

Pt100 is a high-precision resistance measurement method. Our pt100 adopts 3-wire system. The 3-wire system can reduce the influence of wire resistance error on measurement accuracy, thus making measurement more accurate. Some products are used 2-wire, 2-wire measuring accuracy is less than 3 wire. In addition, if use a connection extension cable, it increases the resistance of the wire and affects the measurement accuracy. If you have other questions, please contact our customer service, we will provide you with professional answers.

							
Name	Thermistor 1M line	Segmented Thermistor 20cm line	M3 Kimi Screw-In Thermistor	M3 Stud Screw-In Thermistor	Thermistor Cartridge	K Type Thermocouple	PT100 Cartridge
Specification	Chinese 3950 100K	Chinese 3950 100K	Japan Semitec 104GT-2	Japan Semitec 104GT-2	Japan Semitec 104GT-2	Nickel-Chromium Alloy	Germany Heraeus PT100 RTD
Compatibility							
Temperature limit	Under 260°C	Under 260°C	Under 260°C	Under 300°C	Under 300°C	Under 500°C	Under 450°C
Waterproof	NO	NO	NO	NO	NO	NO	NO
Applications	Hotend for print ABS working under 260°C	Hotend for print ABS working under 260°C	Hotend for print ABS working under 260°C	Hotend for print PLA ABS PA PC under 300°C	Hotend for print PLA ABS PA PC under 300°C	Hotend for print PLA ABS PA PC PEI PEEK PEKK working UPTO 450°C	Hotend for print PLA ABS PA PC PEI PEEK PEKK working UPTO 450°C
	If you need to buy it,please chick here	If you need to buy it,please chick here	If you need to buy it,please chick here	If you need to buy it,please chick here	If you need to buy it,please chick here	If you need to buy it,please chick here	If you need to buy it,please chick here

## Packing List

1 pcs - PT100 degree Sensor Thermocouple sensor  
or  
2 pcs - PT100 degree Sensor Thermocouple sensor

## Display

- ◆ Upgraded product
- ◆ German original chip
- ◆ The copper shell conducts heat faster and temperature measurement is more accurate



- ◆ Laser welding
- ◆ Zero loss of signal
- ◆ Resistance to 450°C
- ◆ Stable & High Precision



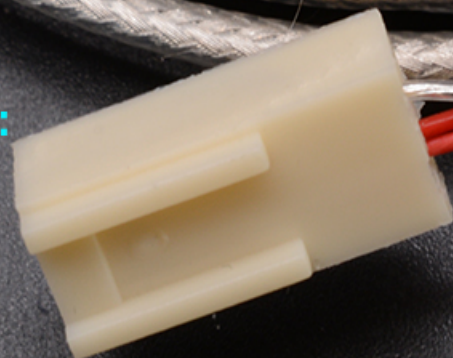
OR







KF 2PIN:



Or Y-type:







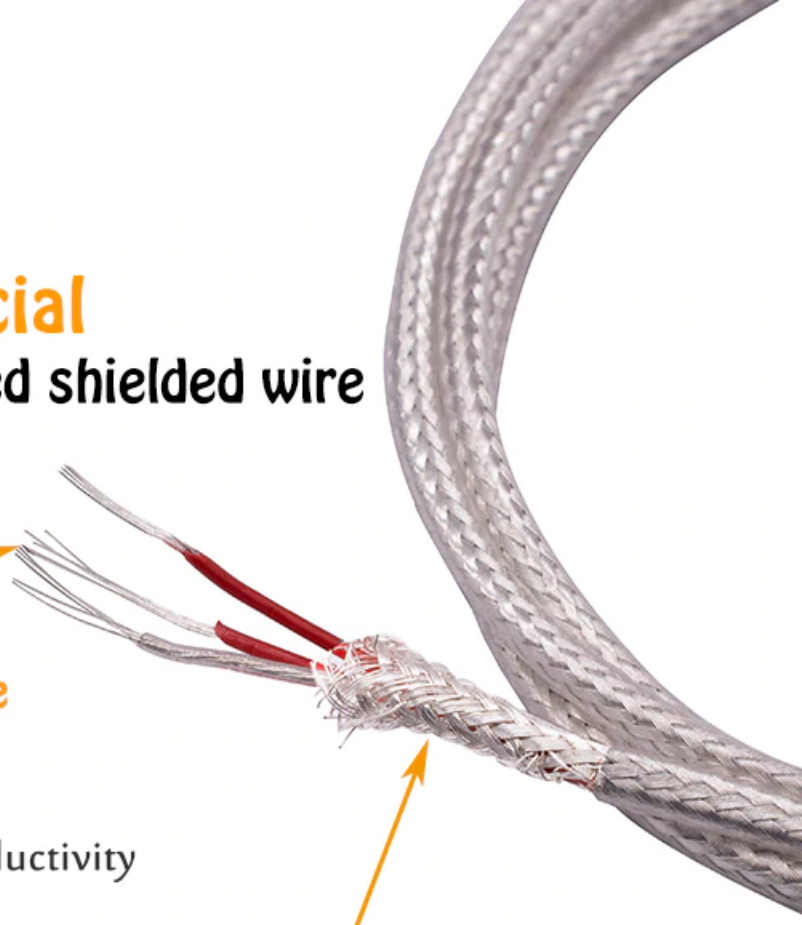
## ◆Pt100 special PTFE silver-plated shielded wire

High precision  
silver plated copper wire

Low loss  
Low resistance  
Durable and stable conductivity

Silver-plated shielding layer

Anti-interference  
Better temperature signal transmission

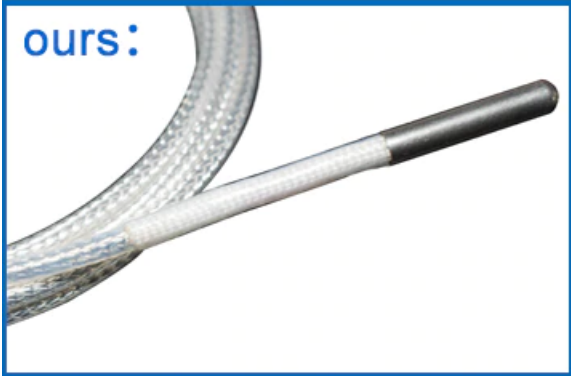


# Double High Temperature Casing Protection Technology

Protect copper wire,  
higher temperature can also be used normally



ours:



VS

Other products:



1000°C thermal conductivity glue

Higher temperature resistance

More accurate temperature measurement





