



Wall-Mounted Boiler Temperature Sensor Gas Water Heater Temperature Probe NTC Temperature Sensor

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: LINKUN
- Certification: RoHS UL
- Model Number: Temperature Sensor
- Minimum Order Quantity: 1000PCS
- Price: US \$0.2 ~ 0.6 PCS
- Packaging Details: 1000PCS/Bag
- Delivery Time: 5-7 days
- Supply Ability: 100,000 pieces/month



Product Specification

- Main Application: Wall Hang Boiler
- Water: 2.5 MSF (3114) Black
- Tube: 10L PTFE Tube L=10mm
- Shell: 5.5*25.0+G1/8-28 Brass Shell(No Tool Marks)
- B25/50: 3435±1%
- R25: 10Kohm±1%
- Clamp: Nickel Plated
- Line Pipe: 28AWG Black PVC Line Pipe
- Highlight: NTC Temperature Sensor, Gas Water Heater Temperature Probe, Wall-Mounted Boiler Temperature Probe



More Images



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Product Description

I Description Of The Gas Boiler Thermistor Temperature Sensors

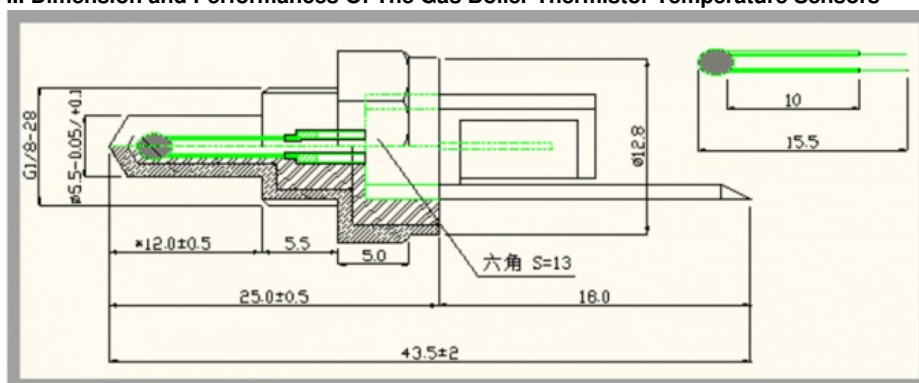
For gas boiler temperature control, a very fast thermal response is essential. This, combined with a high thermal accuracy, ensures accurate temperature control of the hot water to help provide sufficient quantities, maximise boiler efficiency and avoid the possibility of scalding. Pipe-mounted temperature probe for boiler and water heaters

Ampfort stock a number of immersion and clip-on temperature sensors where the NTC thermistor is situated in the very tip of the sensor. This design reduces the thermal path to the thermistor and minimises the response time, allowing for faster temperature control. Screw threaded boss designs, surface sensor fixings for pipes and simple push-fit/clip-in versions are all available with industry standard connector options or flying leads if preferred.

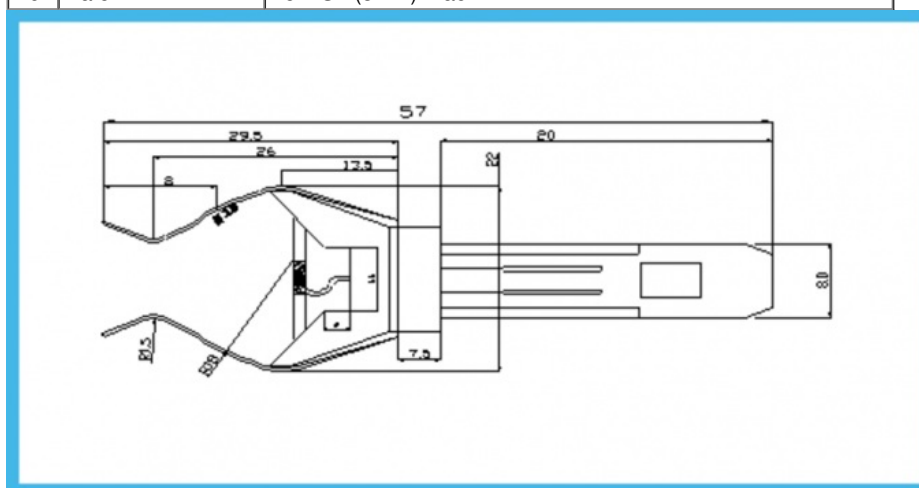
II Benefits Of The Gas Boiler Thermistor Temperature Sensors

- ▶ With clip-spring
- ▶ Core element of temperature sensor glass-sealed thermistor, made in Shibaura, Japan
- ▶ Encapsulation can resist humidity
- ▶ Used stainless steel as mounting bracket, so temperature sensor can be easily and conveniently clamp onto the pipes
- ▶ Durable
- ▶ Fast response and humidity resistance
- ▶ Nice stability for long-term use
- ▶ Widely used in industry of wall-mounted boiler and dual-purpose stove

III Dimension and Performances Of The Gas Boiler Thermistor Temperature Sensors



| NO | Material Name | Model Description |
|-----|---------------|---|
| 2-1 | Thermistor | R25=10Kohm±1% B25/85=3435±1% MF58R |
| 2-2 | Line Pipe | 28AWG Black PVC Line Pipe |
| 2-3 | Tube | 10L PTFE tube L=10mm |
| 2-4 | Shell | 5.5*25.0+G1/8-28 Brass Shell(No tool marks) |
| 2-5 | Epoxy Resin | J105/J106B/J05X G108/GU01/GU-Mz Black |
| 2-6 | Wafer | 2.5 MSF (3114) Black |



| NO | Material Name | Model Description |
|------|-----------------|---|
| 2-1 | Pipe Clamp | #18 Pipe Clamp/Blue Zinc Color |
| 2-2 | Plastic Housing | #18 Injection molding parts/Black/ Heightening type |
| 2-3 | Copper Piece | Elastic phosphor copper T0.1 |
| 2-4 | Epoxy Resin | GU108/GU01 G108/GU01/GU-Mz Black |
| 2-5 | Silicone Grease | Thermal conductivity white silicon grease |
| 2-6 | Thermistor | R25=10Kohm±1% B25/85=3435±1% MF58R |
| 2-7 | Line Pipe | 28AWG Black PVC Line Pipe |
| 2-8 | Polyimide Film | 8*15mm |
| 2-9 | Silica gel | 704 Silica gel |
| 2-10 | Wafer | 2.5 MSF (3114) Black |

IV Features Of The Gas Boiler Thermistor Temperature Sensors

| | |
|-------------|------|
| B Value (K) | 3435 |
|-------------|------|

| | |
|--|------------|
| B Value Tolerance (%) | ± 1 |
| B Value Temperature Range (°C) | 25 to 85 |
| Nominal Zero-Power Resistance (k Ω) | 10 |
| Nominal Zero-Power Resistance (Temperature (°C)) | 25 |
| Nominal Zero-Power Resistance Tolerance (%) | ± 1 |
| Operating Temperature Range (°C) | -30 to 120 |

V Is a temperature sensor an input or output device?

An output device is any device that sends data to a computer or human. It sends data in a readable form that can be processed. This means that a temperature sensor is an output device because it's providing you with additional data that you didn't know before.





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