



5K 10K 20K NTC Temperature Sensor Durable Multipurpose High Sensitivity

Our Product Introduction

Basic Information

- Place of Origin: Dongguan China
- Brand Name: linkun
- Certification: CE / ROHS / UL / TUV / SGS
- Model Number: NTC Temperature Sensor
- Minimum Order Quantity: Negotiation
- Price: Negotiation
- Packaging Details: Export Package / Negotiation
- Delivery Time: Negotiation
- Payment Terms: T/T, L/C, Western Union
- Supply Ability: 24 million per year



Product Specification

- Color: Original Color
- Application: Household Appliance
- Type: Thermistor
- Working Temperature Range(°C): -10 To +105c
- Resistance Value: 5K, 10K, 20K, 50K, 100K
- Dissipation Factor(mw/°C): 1-2 (in Still Air)
- Highlight: **20K NTC Temperature Sensor, Durable NTC Temperature Sensor, Multipurpose NTC 5K Temperature Sensor**

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Product Description

5K 10K 20K NTC Temperature Sensor High Sensitivity And Fast Response

Description

Thermistor probes are invaluable for sensing temperature levels in a variety of industries ranging from HVAC and food handling to automotive and laboratory research. In such applications, it's critical that the thermistor probe used is accurate to ensure reliable thermal monitoring.

A world-class provider of thermistors and thermistor probes and assemblies, We offers temperature probes designed and built from the ground up. The thermistors we use are created from a precise blend of raw materials and processed using proprietary techniques that result in superior discrete components, probes and assemblies.

We manufactures laboratory grade temperature probes, surface temperature sensing probes, micro probes, as well as many others designed to suit specific applications. Our application engineers are experts in the design of temperature sensing probes and assemblies utilizing thermistors as well as RTDs suitable for the most demanding applications.

Advantages

We have the heart of NTC temperature sensor--full sets of production line and core technology of pro-prietary intellectual property rights for high performance temperature measurement NTC thermistor.

We have all kinds of NTC core element of NTC Temperature sensor--high performance temperature measurement thermistors are own production,complete series,structural diversity. Our products can meet the requirements of prevision measurement in different temperature area from low temperature,medium and low temperature to medium-high temperature.These products have passed many safety certifications of domestic and foreign.

Resistance and temperature characteristics can meet customer's requirements entirely,and support best convenience to customers.

Mature manufacturing technique of NTC temperature sensor,Large-scale mass production,product have the best ability of insulation sealing,Mechanical collision,resistance to bending,well-set.

Small thermal time,fast response

Multi category,complete series,many kinds of housing he configuration,easy to assemble

We have high level inspection equipments which carry out strict and normative inspection process.

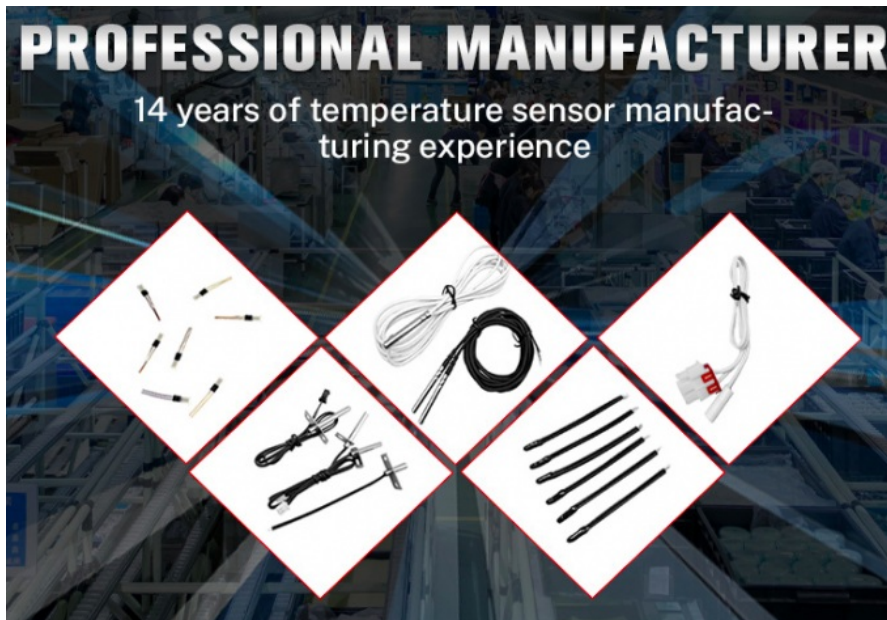
Our products with high precision,high reliability,high stability,high interchangeable,high commonality are advanced in industry. (Highest tolerance can be reach $\pm 0.02^{\circ}\text{C}$) (Years of drif rate $\leq 1\%$)

Temp.deg.C	25deg.C
R Value	5k 10k
Shell Type	Epoxy-----mainly used for indoor Copper ----mainly used for outdoor
Application	air conditioner
Features	1. Wide operating temperature range, good stability and reliability. 2. Easy to installation and manipulation as the sealing can be done according to environment and conditions there it is applied by customer. 3. Accurate testing can reflect temperature change precisely. 4. Insulating resistance(M Ω): over 100M Ω at DC500 V 5. Working temperature range($^{\circ}\text{C}$): -10 to +105c 6. Dissipation factor(mw/ $^{\circ}\text{C}$): 1-2 (in still air)



Working principle of temperature sensor

Using the NTC thermistor under a certain measurement power, the resistance value drops rapidly as the temperature rises. Utilizing this feature, the NTC thermistor can be used to determine the corresponding temperature by measuring its resistance value, so as to achieve the purpose of detecting and controlling the temperature.



Application



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