Dongguan Linkun Electronic Technology Co., Ltd.

Stable Double-Layer NTC Temperature Sensor, Special Thermistor For Air Conditioning 10K 50K 100K Multi-Resistance Multip

Basic Information

. Place of Origin: Dongguan China

Brand Name: linkun

CE / ROHS / UL / TUV / SGS · Certification: 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

· Application: Air Conditioner Temperation Sensor

Usage: Temperature Sensor

Type: Thermistor Working Temperature -10 To +105c

Range(°C): Resistance Value:

5K,10K,20K,50K,100K

Dissipation Factor(mw/°C): 1-2 (in Still Air)

· Highlight: Stable NTC Temp Sensor,

Double Layer NTC Temp Sensor,

Air Conditioner NTC Temperature Measurement



More Images



Product Description

table Double-Layer NTC Temperature Sensor, Special Thermistor For Air Conditioning 10K 50K 100K Multi-Resistance Temper

NTC temperature sensor product features

- ◆ Using a new technology, the product performance is stable, and it can work stably for a long time (annual resistance value drift rate ≤ 3%)
- ◆ Resistance value and B value have high precision, good consistency, and are interchangeable (resistance value and B value accuracy can reach ±1% respectively)
- ◆ High sensitivity and rapid response
- ◆ Using double-layer sealing technology, it has good insulation sealing and anti-mechanical collision and anti-bending capabilities
- ♦ It can be packaged according to the installation conditions used, which is convenient for users to install; it can be made into high-dissipation products, and the test current can be much higher than that of sensors with traditional structures, which simplifies the application circuit

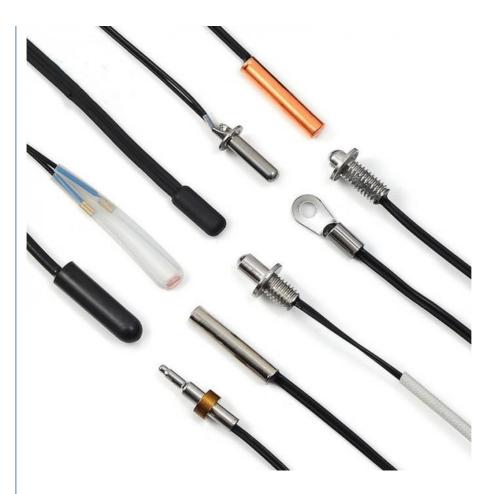
NCT temperature sensor application range

- ◆ Heating and heating air conditioners and related equipment
- ♦ Household appliances of various sizes: air conditioners, refrigerators, battery stoves, bread ovens, baking ovens, electric ovens, microwave ovens, electric fans, soybean milk machines, electric water heaters, electric rice cookers, disinfection cabinets, water dispensers, heaters, electric irons, disinfection Cabinets, drinking fountains, lighting appliances, etc.
- ◆ Temperature measurement and control circuits for agricultural, medical, environmental protection, meteorological, food processing and other equipment
- Instrument coils, automotive circuits, integrated circuit modules, transistor amplifier circuits, temperature compensation circuits such as quartz crystal oscillators and thermocouples



Product drawings are for reference; can be customized according to required parameters, specifications, and length. (Come with pictures and samples)

Temp.deg.	25deg.C
R Value	5k 10k 50K 100k
	Epoxymainly used for indoor
	Coppermainly used for outdoor
Shell Type	
Applicatio n	air conditioner
	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.
Features	 Insulating resistance(MΩ): over 100MΩ at DC500 V Working temperature range(°C): -10 to +105c
	6. Dissipation factor(mw/°C): 1-2 (in still air)

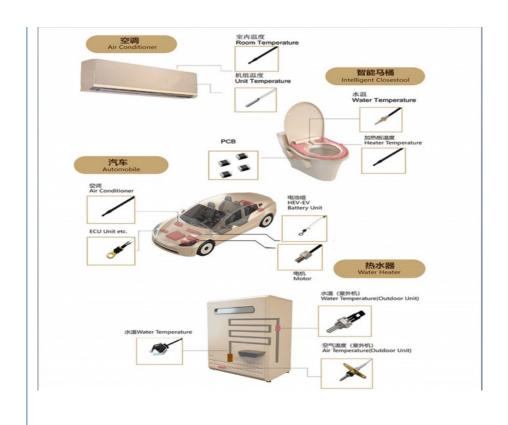


Working principle of temperature sensor

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





Room 101, No. 21, Huayuanzai Road, Chongmei, Chashan Town, Dongguan City, Guangdong Province