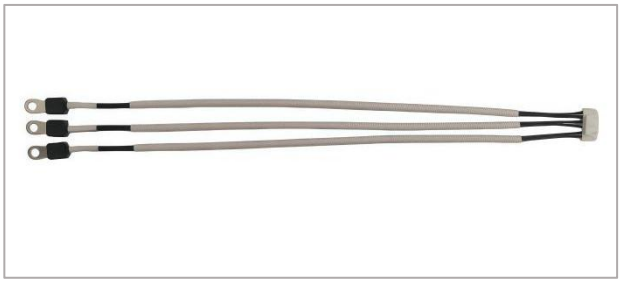
SENSOR_CNSH Series

Combined structure



◆ Product Introduction

The thermistor sensor, which is connected in parallel or in series through a connector at the tail, is an electronic component with unique advantages in the field of temperature measurement and control.

Its core component is the thermistor chip. This chip can accurately change its own resistance value according to the change of temperature, which is the key to realizing temperature measurement.

The tail of this type of sensor is equipped with a connector. Common types of connectors include pin type, plug-in type, etc. The materials are mostly metals with good electrical conductivity and mechanical strength, supplemented by insulating materials.

The existence of the connector enables the thermistor sensor to be conveniently and reliably connected to other electronic devices or sensors, and to achieve the connection methods of parallel or series according to actual needs.

◆ Features

1.The temperature measurement accuracy can reach ±0.1℃, meeting the requirements of high-precision applications.
2.It supports a temperature measurement range from -40℃ to +150℃.
3.The connection is flexible and convenient.
4.There are various measurement methods.
5.High precision and high sensitivity.
6.It has strong adaptability and is easy to expand.

◆ Applications

1.New energy vehicles.
2.AI servers, server power supplies, and robots.
3.BMS energy battery system.
4.Industrial and commercial temperature control systems.
5.Monitor the temperature of equipment such as battery packs and generators.

◆ Coding Principle

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Product Type			Series		Resistance Value			Resistance Value Precision	B-Value		Product Drawing Number				Category		Wire Length Recognition