



Product model: HTP130 Temperature Sensor

Manufacturer: Nanjing Hangjia Electronic Technology Co., LTD.

Product category: Temperature Sensor

Application: surface temperature measuring in energy, chemical industry, textile and other scientific research and production.

Overview

HTP130 surface temperature sensor has a built-in PT100 platinum thermal resistor and can be used to detect the surface temperature of motors, reducers, and other mechanical and electrical equipment. The sensor adopts four-wire resistance signal output, which meets the requirements of temperature measuring instruments using two-wire, three-wire or four-wire connection methods.

Features

- ◆ sheet shape, thickness only 1mm
- ◆ with mounting holes with a diameter of 4.3mm
- ◆ with three-core shielded cable, which can be easily connected to secondary instruments using two-wire or three-wire systems.

Technical Parameters

Temperature Range	-50~200°C
Deviation	±1.5Ω
Output Signal	PT100 (100.0 ~ 157.31 Ω)
Cable	PTFE silver plated shielded wire
Relative humidity	no more than 98% (refer to 25°C)

Atmospheric pressure	80~106kPa
Overall dimensions	8*10, 4.3 holes, 1mm thick
Working environment	No significant vibration or impact situations
Protection Grade	IP68

Installation

The temperature sensor comes with a mounting hole with a diameter of 4.3mm. Try to install it in a place where coal, water and other objects cannot be splashed, and install it tightly on the surface of the equipment under test through bolts or screws. The signal lead-out line at its tail must be well protected and cannot be stressed to avoid damaging the internal wiring.

Certification Information

Factory certification	
Certification organization	CQM
Quality management system	ISO 9001:2015
Certification scope	Research, development and manufacture of pressure transmitter and temperature transmitter
Certificate No.	00223Q21711R1S