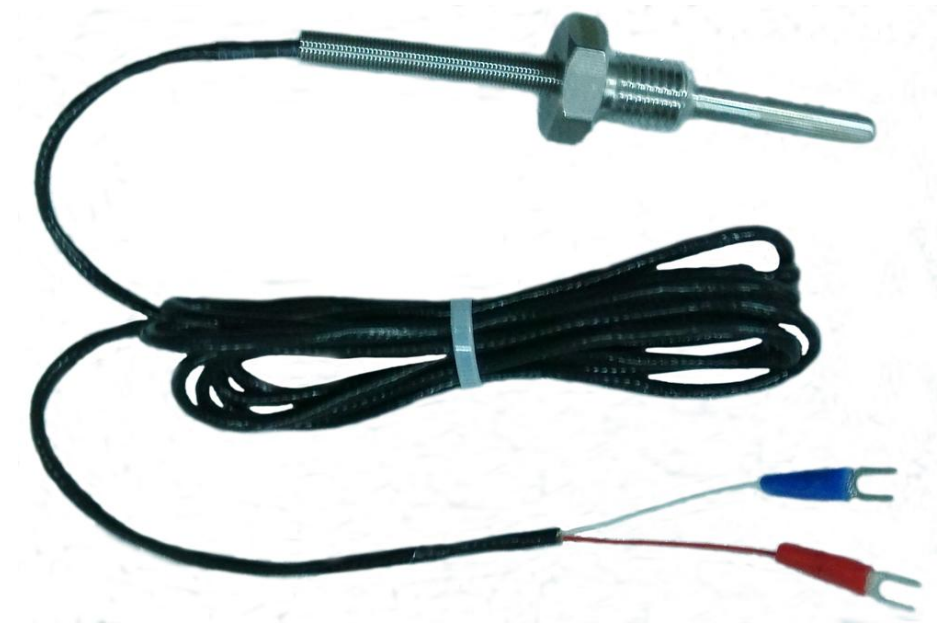


ST-101 temperature sensor

Description:

The ST-101 temperature sensor adopts a simple packaged temperature probe. The resistance value of metal platinum (Pt) changes with the change of temperature, and has good repeatability and stability, basically in a linear relationship. According to this characteristic, according to the IEC751 international standard PT100, PT1000 is a unified design of platinum resistance to measure temperature. Small size, easy to install. This product is especially suitable for use in a large range. It has good stability, a wide temperature range, and a service life of over ten million times. It is

widely used in various fields.



Product Features:

Small structure, convenient and reliable; suitable for high temperature environment; good long-term stability.

Technical Specifications:

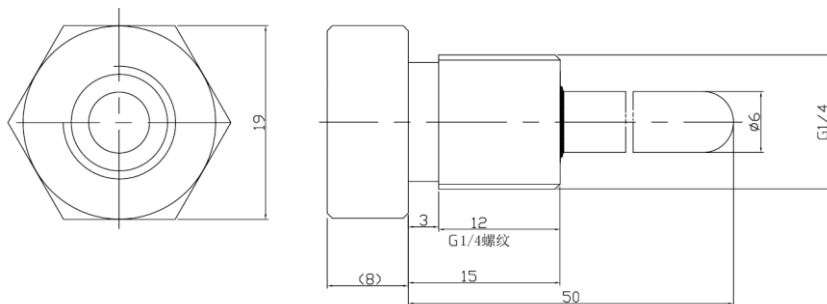
Range: $-50^{\circ}\text{C} \sim 250^{\circ}\text{C}$ Accuracy: $\pm 1.5^{\circ}\text{C}$

Output signal: $80\Omega \sim 200\Omega$

Electrical connection: U-type/pin terminal block

Process connection: G1/4, 1/4NPT, R1/4 connection

Dimensions (Thread and rod length can be customized as required):



Electrical Connection:

The red terminal is connected to "signal +", and the blue terminal is connected to "signal -".