

Magnetic PT100 RTD Temperature Sensor use Magnetic probe, suitable for surface temperature measurement of various ferrous material equipment, with high accuracy, fast response, convenient and quick installation! This probe is magnetic and can absorb metal objects on the surface of metal, such as iron and magnetic objects, bearing cast iron and other metal objects. The temperature range of this section is -60-500 degrees, and the high temperature and strong magnetic temperature resistance is -60-500 degrees. The precision of platinum resistance is 0.2%. The wire adopts three-core PTFE waterproof, corrosion-resistant, oil-resistant and waterproof shielded wire. If other environmental dimensions are required, it can be customized. Chips imported from Germany, anti-interference, anti-vibration, stable performance, high accuracy and long service life! The size of the magnetic probe part is: Diameter: 20MM/15mm, etc. Height: 25MM, the lead wire is made according to your needs,[Embeddable Cone Tip Thermocouple](#).

— Product parameters —————



Name: Magnetic PT100 RTD

3-core silver-plated shielded wire

Index number: pt100, pt1000 (K, E, T type customized)

Probe material: 304 /316L SS/Inconel alloy

Temperature measurement range: -60-500°C

Product features: fast temperature measurement,
high accuracy

Typical applications: such as the surface temperature of underground water pump motors; rapid measurement of the temperature of processed parts on the production line; portable measurement of the surface temperature of outdoor objects; large-scale water pump motor bearings and outer surface temperature of bearing bushes; outer surface temperature of conveying pipes, etc.

Magnetic PT100 RTD Temperature Sensor Features

On the one hand, it is very convenient to install and fix, and on the other hand, it does not need to be punched and fixed, which will not damage the surface of the measured object and protect the integrity of the measured object.

Magnetic PT100 RTD Temperature Sensor Technical Parameters

Platinum thermal resistance: Pt100, Pt500, Pt1000 Temperature measurement range: (-50 ~ 150) °C

Accuracy grade: A grade $\pm (0.15+0.002|t|)$ °C B grade $\pm (0.30+0.005|t|)$ °C Note: | t | is the value of the measured temperature.

[Anhui TianKang](#) **Magnetic PT100 RTD Temperature Sensor** is precisely made of high-strength magnetic materials, which can be easily adsorbed on the surface of iron products to measure the temperature of the surface of the object. For the environment or occasions where the surface of machinery, boxes, pipes, etc. cannot be punched, cannot be pasted, is forbidden to change the shape, or is difficult to install, magnetic adsorption temperature sensors are especially suitable.