

Temperature Measuring Wire

◆ Product Description

This temperature measuring cable is a high-precision temperature sensing and transmission cable, specifically designed for temperature detection in scenarios such as gases, liquids, and solid surfaces. Manufactured with high-quality conductors and temperature-resistant insulating materials, it features stable signal transmission and strong anti-interference capability. Compatible with various temperature control instruments and sensors, it is widely used in industrial production, electronic equipment, scientific research experiments and other fields, providing accurate data support for temperature monitoring and regulation.



- Small error range
- High-precision temperature measurement
- Strong stability
- Strong compatibility
- Easy installation

◆ Product Structure

- This temperature measuring cable adopts a multi-layer structure design of "high-quality conductor + temperature-resistant insulation layer + optional shielding layer + protective sheath". Each layer is closely bonded with a compact structure: the conductor ensures low-loss signal transmission, the insulation layer and sheath feature temperature resistance, corrosion resistance and wear resistance, and the shielding layer can effectively resist electromagnetic interference. The overall design balances signal stability and installation adaptability, suitable for various working conditions.

◆ Typical Applications

- This temperature measuring cable has a wide range of applications, suitable for fields such as industrial production, electronic equipment, scientific research experiments, HVAC, automotive manufacturing, and new energy. It can accurately monitor the temperature of gases, liquids, solid surfaces, etc. Whether in conventional working conditions, extreme temperature environments, or complex electromagnetic environments, it can perform stably, providing reliable data support for safe equipment operation, process optimization, and temperature control system regulation.

◆ Typical Product Data and Physical Properties

Conductor Material: Copper / NiCr-NiSi / Platinum
 Insulation Material: PTFE (Polytetrafluoroethylene), Fiberglass, Silicone Rubber
 Insulation Resistance: $\geq 100M\Omega$
 Protection Class: IP65
 Storage Temperature: $-60^{\circ}C \sim 120^{\circ}C$

Availability:

Material Code	Product Name	Weight	packing
1.5.07.10.0004	Temperature Measuring Wire	0.3KG/M	1 Roll/Carton

◆ Technical and Application Assistance

HORB provides a technical hotline to answer your technical and application related questions.

◆ Note:

This information is believed to be accurate. It is intended for professional end users having the skills to evaluate and use the data properly. HORB data is for reference purposes only.

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