

Industrial Thermocouple (WR Series)

— Product Specification

NANJING XINQIYUAN DETECTION
EQUIPMENT CO., LTD.

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Product Overview

The industrial thermocouple series complies with JB/T9238-1999, offering multiple protection-tube materials and mounting styles for temperature monitoring in metallurgy, machinery and heat treatment industries.

Main Technical Parameters

Item	Specification
Thermocouple types	K / N / E / J / T / S / R / B
Temperature range	0–1600 °C (depending on type and protection tube)
Protection tubes	20# carbon steel (100–500 °C), 1Cr18Ni9Ti (-200–900 °C), Cr25Ti (400–1000 °C), high-alumina (0–1300 °C), corundum (0–1600 °C), MoSi ₂ (0–1600 °C), molybdenum (0–2300 °C), etc.
Length	225–2650 mm
Outer diameter	φ16 / φ20 / φ25 / tapered
Response time	Metal tube <60 s; non-metal tube <120 s (φ16)
Tolerance	Class 1: ±1.5 °C or ±0.4%t (depending on type)
Standard	JB/T9238-1999

Usage Notes

Handle with care during loading and unloading; keep dry in transit. Store in a ventilated warehouse with relative humidity ≤80%. For detailed instructions, call +86-189-1302-8098 / +86-158-9585-7717 or contact our sales engineers.

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