

Industrial Thermocouple Temperature Sensor

This thermocouple temperature sensor is designed for use in power plants, specifically for ball and coal mills. It features robust construction with a wear-resistant head and IP65 protection.



ADDITIONAL IMAGES



Product Overview

Industrial Temperature Sensing Solutions

These industrial thermocouple temperature sensors are engineered for high-demand environments, including power plant ball mills and coal mills. Designed with a robust protective tube and high-hardness wear heads, they ensure reliable performance under extreme conditions. The sensors support various electrical outputs and temperature ranges, making them versatile for critical industrial process monitoring.

Technical Specifications

Protection Rating

IP65

Wear Head Hardness

HRC62-65

Electrical Exports

M20x1.5, NPT1/2

Performance Metrics

Key Performance Metrics

800 °C

Max Temp (K-Type)

30 MPa

Max Nominal Pressure

100 m/s

Max Flow Rate

Model Selection

Model Specifications

Model	Type	Temp Range	Pressure Limit
WRN-230NM	K	0-800°C	d10MPa
WRE-230NM	E	0-600°C	d10MPa
WZP-230NM	Pt100	-200-+500°C	d10MPa
WRN-630NM	K	0-800°C	d30MPa