

Resistance Thermometer (RTD) —

Product Specification

NANJING XINQIYUAN DETECTION
EQUIPMENT CO., LTD.

Doc No.: XQY-DOC-N01 | Version: V1.0 | Release Date: 2026-08

Product Overview

The RTD series offers assembled and sheathed designs in PT100, PT1000, CU50 and CU100 types, Class A/B accuracy and 2/3/4-wire options — widely used in metallurgy, chemical and power industries.

Main Technical Parameters

Item	Specification
Types	PT100 / PT1000 / CU50 / CU100
Measuring range	Platinum: -200–600 °C; copper: -50–150 °C
Accuracy	A: $\pm(0.15+0.002 t)$; B: $\pm(0.30+0.005 t)$ (default B)
Designs	Assembled / sheathed (Ø2–10 mm) / tip-compressed / surface types
Wiring	2/3/4-wire; leads rated 80/200/400 °C
Mounting	Direct insertion / thread / flange
Protection tubes	1Cr18Ni9Ti (default), 316L, 304
Junction boxes	H1 / H2 / H3 / H4
Model rule	xqy-type-length-diameter-mounting-material-accuracy-junction

Ordering Notes

Please specify the order parameters or provide the model number per the model rule; special requirements should be confirmed with our sales engineers. Handle with care during transit; store in a ventilated warehouse with RH ≤80%. For more information call +86-189-1302-8098 / +86-158-9585-7717.

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