

Ceramic Tube Encapsulation  
Fiberglass Insulated Leadwires  
High Temperature Design, 550°C



The **Ceramic RTD Probe–High Temperature** is ideal for use in high temperature applications. The sensing element is encapsulated in a ceramic, aluminum oxide tube which protects the sensor from impact damage. The lead wire conductors are made of Nickel which provides corrosion resistance while the fiberglass over braid provides elevated temperature protection. These High Temperature probes are designed for quick process time response. Custom options are available for your application.

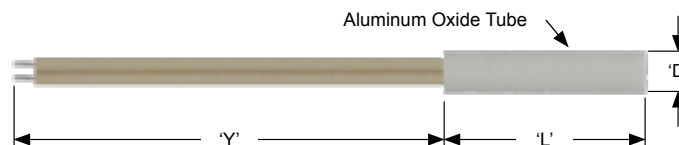
## FEATURES

- Sheath Styles:
  - » Aluminum Oxide Tube
- Elements, Single:
  - » Platinum
- Sheath Diameters:
  - » 0.110", 0.125", 0.188", 0.250"
- Leadwire/Cable Options

## APPLICATIONS

- Process
- Aerospace
- Defense

## dimensions



'D' = Sheath Diameter  
'L' = Sheath Length  
'Y' = Leadwire/Cable Length

# Ceramic RTD Probe—High Temperature

## performance specifications

**Temperature Range:**

-200 to 550°C (-328 to 1,022°F)

**Dielectric Strength:**

600 VAC, 60 hZ for 60 seconds

**Resistance:**

100 Ohm or 1,000 Ohm

**Insulation Resistance:**

500 megohms @ 500 VDC, 20°C

**Tolerance:**

.06% or .12%

## ordering info

**Ceramic RTD Probe—High Temperature****Model Temperature Range**

634F Full: -200 to 550°C (-328 to 1,022°F)

Model	Element	Accuracy	Temperature Coefficient
P2A	Platinum	100 Ohm ±.06% at 0°C	.00385
P2B	Platinum	100 Ohm ±.12% at 0°C	.00385
P6B	Platinum	1,000 Ohm ±.12% at 0°C	.00385

**Model 'L' Sheath Length**

--- Define 'L' Length in Inches (12 = 12.0")

**Model 'D' Sheath Diameter**

A .110"  
B .125"  
C .188"  
D .250"

**Model Lead Configuration**

2S Two Wire, Single  
3S Three Wire, Single (.188" and Larger Only)  
4S Four Wire, Single (.188" and Larger Only)

**Model 'Y' Leadwire Length**

--- Define 'Y' Length in Inches (12 = 12.0")

## 联系方式



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