



# RTD Probes with Attached Plug

A1RTD1-PXX-01



## Overview

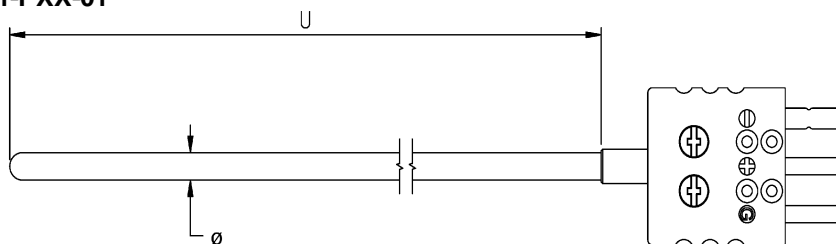
- All temperature sensors are custom made standard item
  - 100 ohm platinum RTD 3-wire element
  - Class A accuracy
  - Ø6.35mm diameter, 316 SS sealed stainless steel sheath to protect against harsh environments
  - RTD element encased in Magnesium Oxide (MgO) powder insulation provides excellent vibration dampening and heat transfer
  - 150mm, 300mm, 450mm probe length
  - Attached 3-pin plug for quick and easy wiring connections
- Others
  - Required others type of RTD sensor ,specification & temperature range can be custom made upon request.

RTD Probes with Attached Plug					
Part Number	RTD Type	Probe Diameter ( O.D)	Probe Length	Temperature Sensing Range	Attached Plug size
A1RTD1-P06-01	PT-100 3 wire	6.35mm	150mm	-200 to 300°C	Standard size , 3-pin
A1RTD1-P12-01			300mm		
A1RTD1-P18-01			450mm		

Technical Specifications	
<b>Sensing Element</b>	Single 100 ohm platinum (PT 100) , 3 wire
<b>Initial Accuracy</b>	Class A +/- [0.15 + 0.002  t  ] ° C
<b>Probe</b>	Ø6.35mm ,316 stainless steel sheath,single RTD is embedded in MgO powder
<b>Minimum Installation Depth</b>	(76mm)
<b>Wiring</b>	Attached 3-pin standard size plug

## Dimension

A1RTD1-PXX-01



PART NUMBER	U LENGTH
A1RTD1-P06-01	150mm
A1RTD1-P12-01	300mm
A1RTD1-P18-01	450mm

## Wiring Information

PT100: white plug

Pins labeled +, - and G

