

## RTD Probes with Hex Nipple

**A1RTD1-HXXL01-01**



### 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 steelsheath 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
  - 1/2" x 1/2" BSP hex nipple allows easy replacement of existing probes and connection to a wiring junction box
- Others
  - Required others type of RTD sensor ,specification & temperature range can be custom made upon request.

### RTD Probes with Hex Nipple

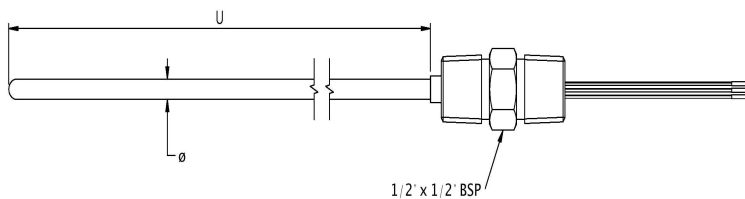
Part Number	RTD Type	Probe Diameter ( O.D)	Probe Length	Temperature Sensing Range	Mounting
A1RTD1-H06L01-01	PT-100 3 wire	6.35mm	150mm	-200 to 300°c	Integral 1/2" x 1/2" BSP 304 SS
A1RTD1-H12L01-01			300mm		
A1RTD1-H18L01-01			450mm		

### 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>	76mm s stranded 24WG wire leads ,teflon insulated

### Dimension

**A1RTD1-HXXL01-01**



### Wiring Information

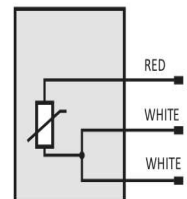


TABLE A

PART NUMBER	U LENGTH
A1RTD1-H06L01-01	150mm
A1RTD1-H12L01-01	300mm
A1RTD1-H18L01-01	450mm