



# 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

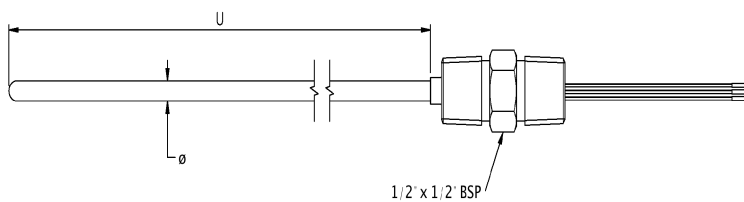
| Part Number      | RTD Type         | Probe Diameter ( O.D) | Probe Length | Temperature Sensing Range | Mounting                           |
|------------------|------------------|-----------------------|--------------|---------------------------|------------------------------------|
| A1RTD1-H06L01-01 | PT-100<br>3 wire | 6.35mm                | 150mm        | -200 to 300°C             | Integral 1/2" x 1/2" BSP<br>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 stranded 24WG wire leads ,teflon insulated                          |

## Dimension

A1RTD1-HXXL01-01



## Wiring Information

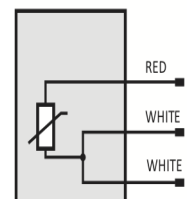


TABLE A

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