



A ONE UNION (M) SDN BHD (1004072-A)

No. 42-M, Jalan Kuchai Maju 11, Kuchai Entrepreneur Park, Jalan Kuchai Lama,
58200 Kuala Lumpur, Malaysia.

Tel : +603 7980 8940 Fax: +603 7983 8943 <http://oneunion.com.my>



Cert No. 07780

THERMOCOUPLE & SCR CONTROLLER
SPECIALITY MANUFACTURER
INDUSTRIAL ALLOYS,
FURNACE MATERIALS,
INSTRUMENT & EQUIPMENT

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" x1/2"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

Sensing Element	Single 100 ohm platinum (PT 100) , 3 wire
Initial Accuracy	Class A +/- [0.15 + 0.002 t] ° C
Probe	Ø6.35mm ,316 stainless steel sheath,single RTD is embedded in MgO powder
Minimum Installation Depth	(76mm)
Wiring	76mm stranded 24WG wire leads ,teflon insulated



A ONE UNION (M) SDN BHD (1004072-A)

No. 42-M, Jalan Kuchai Maju 11, Kuchai Entrepreneur Park, Jalan Kuchai Lama,
58200 Kuala Lumpur, Malaysia.

Tel : +603 7980 8940 Fax: +603 7983 8943 <http://oneunion.com.my>



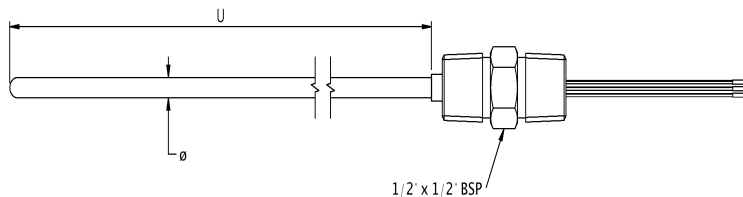
Cert No. 07780

THERMOCOUPLE & SCR CONTROLLER
SPECIALITY MANUFACTURER
INDUSTRIAL ALLOYS,
FURNACE MATERIALS,
INSTRUMENT & EQUIPMENT

RTD Probes with Hex Nipple

Dimension

A1RTD1-HXXL01-01



Wiring Information

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

