



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

No. 42-M, Jalan Kuchai Maju 11, Kuchai Entrepreneur Park, Jalan Kuchai Lama,
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Cert No. 07780

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

RTD Teflon Probes with Bakelite Small Head

A1RTD1-T2.5-01



Overview

- All temperature sensors are custom made standard item
 - 100 ohm platinum RTD 3-w ire element
 - Class A accuracy
 - Ø10mm diameter, teflon rod to protect against corrosives environments
 - 63.50mm probe length
- Connection Head
 - Bakelite IP65 screw cover head w ith gasket
 - One turn cover removal & installation eliminates cross threading and saves time
 - 3/8" BSP conduit opening w ith internal stop to prevent overtightening and installation damage
 - Gripping ribs on cover edge
 - w ith cover chain
- Wiring
 - Ceramic terminal block
 - Brass terminals w ith screw s eliminate the need to w rap connections around screw s
- Others
 - Required others type of thermocouple ,specification & temperature range can be custom made upon request.

RTD Teflon Probes with Bakelite Small Head

Part Number	RTD Type	Probe Diameter (O.D)	Probe Length	Temperature Sensing Range	Mounting
A1RTD-T2.5-01	PT-100 3 wire	10mm	63.5mm	-200 to 200°C	Integral 1/4"x1/4"bsp Teflon

Technical Specifications

Sensing Element	Single 100 ohm (PT 100) , 3 wire
Initial Accuracy	Class A +/- [0.15 + 0.002 t l] ° C
Probe	Ø10mm teflon rod ,single RTD
Connection Head	Bakelite,screw cover with chain,IP65, 3/8"BSP conduit opening



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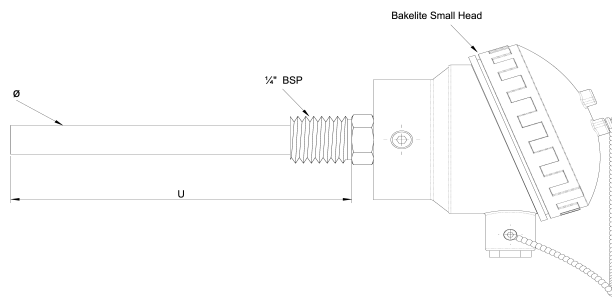
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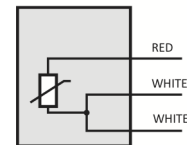
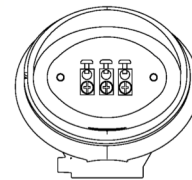
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Dimension

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Wiring Information



- Ignore polarity marks on terminal base
- Recommended screw terminal tightening torque 3-4 lb-in

TABLE A	
PART NUMBER	U LENGTH
A1RTD-T2.5-01	63.50mm