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Simplex and Duplex RTD PT 100 Temperature Sensors



Available in Flameproof, Non-Flameproof Enclosure. Custom design also available

FEATURES

- Sensing Element : PT 100 , Class A as per DIN 43760, $\alpha = 0.00385$
- Type : Simplex or Duplex (To be specified in Order)
- Temperature Range : -50 to + 250 °C Standard and -80 °C to 300 °C (OPTION)
- Sensor Sheath : SS Tube
- Simplex RTD upto 2000mm long : 6mm dia
- Simplex RTD upto 2001 to 3000 mm long : 8mm dia
- Duplex RTD : 8mm dia
- Simplex > 3000mm long : Coiled MI sheath 6mm dia (OPTION)
- Process Connection : Adjustable Ferrule mounting, 1/2" BSPM
- Other thread / Flanged connections on request (OPTION)
- Sensor Termination : Ni plated Brass Terminals mounted on High purity Ceramic block
- Sensor Termination enclosure Weather Proof : Al. Die cast Head
- Flameproof : Al. Die cast Head, Certified IEC 60079-1
- Gas Group IIA, IIB
- Cable Entry : Simplex : Single 3/4" cable entry
- Duplex : Two entries 3/4"

OPTIONS

1. Mineral Insulated SS316 sheath
2. Calibration Certificate Ambient to 250 °C
3. Calibration Certificate -80 °C to 250 °C
4. Cable Glands : Weatherproof or Certified Flameproof Cable Glands
5. 3/4" or 1" BSP threaded process connections
6. Flanged process connections

Date is subject to change without prior notice

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