

RTDs

R1

R01 RTD Assembly with Screwed / Flanged Connection

Special Features:

- . Spring loaded design for positive contact with thermowell
- . Available in various connections & sheath diameters
- . Reference Standard: IEO – 751 / DIN 43760

Application:

- . Such assemblies are generally inserted in existing Thermowells / protection tubes
- . This assembly can be provided with threaded connection and Thermowell



R2

R02 RTD Assembly with N-U-N Connection

Special Features:

- . Mineral insulated cable.
- . Spring loaded design for positive contact with thermowell
- . Available in various connections & sheath diameters
- . Enclosures (Head) | Weatherproof IP – 67 | Flameproof Gr. IIA, IIB | Explosion proof IIA, IIB, IIC
- . Transmitter output 4 – 20 mA (Optional)
- . Reference Standard: IEC – 751 / DIN 43760.

Application:

- . Such design is generally used in all industries, machinery manufactures, bearing temp. measurement etc. where space is limited.



R3

R03 RTD Assembly with Sanitary Connection

Special Features:

- . Mineral insulated cable. Spring loaded design for positive contact with thermowell
- . Available in various connections & sheath diameters
- . Sanitary connections are available in size of 1", 1½", 2", 2½"
- . Mounting is very easy & quick
- . Enclosures (Head) | Weatherproof IP – 67
- . Transmitter output 4 – 20 mA (Optional)
- . Reference standard: IEC – 751 / DIN 43760.

Applications:

- . Sanitary application, food industries etc



R4

R04 RTD Assembly with Weld Pad (Skin Temp.)

Special Features:

- . Mineral insulated cable.
- . Available in various connections & sheath diameters
- . Enclosures (Head) | Weatherproof IP – 67 | Flameproof Gr. IIA, IIB | Explosion proof IIA, IIB, II C
- . Transmitter output 4 – 20 mA (Optional)
- . Reference Standard : IEC – 751 / DIN 43760

Application:

- . This design is specifically used to measure skin temperature of heater tube or flat surface.
- . Our thermocouple assembly will be with weld pad which will be directly welded on heater tube or flat surface. Curvature to weld pad will be provided as required by customer.
- . Typical applications are measurement of surface temperature of refractory lined vessels, columns, reactors in petrochemical plants and oil refineries and pipelines.



R5

R05 Multi-Point RTD Assembly with Protecting Tube & with Flexible Extension

Special Features:

- . Mineral insulated cable.
- . Available in various connections & sheath diameters
- . Enclosures (Head) | Weatherproof IP – 67 | Flameproof Gr. IIA, IIB | Explosion proof IIA, IIB, II C
- . Transmitter output 4 – 20 mA (Optional)
- . Reference Standard: IEC – 751 / DIN 43760

Application:

- . These assemblies find application in Refinery & Petrochemical plants which includes catalytic crackers, lime kilns, distillation columns & pressurized reactor vessels.



R12

R12 RTD Insert with Plug & Jack Connector

Special Features:

- . Mineral insulation enables for use at higher temperature
- . RTD with adjustable process connection for adjustable insertion length. Available in various standard sheath diameters and sheath materials. Cold end termination will be with plug and jack connector for quick disconnection type application. Reference Standard: IEC – 751 / DIN 43760

Applications:

- . This design is used in general industry for temperature measurement

