

Sensor Probe Type TS

Installation.

To avoid damage to the insulation it is important to ensure that the temperature of the terminal housing does not exceed 60°C continuous, or 80°C maximum (intermittent). If the process temperature exceeds this sufficient stem length should be left between the terminal housing and the measuring point to protect from possible heat transfer.

Cable Gland.

Care should be taken when fitting the cable gland, to prolong the instrument's life. Ensure the rubber grommet is fitted first, followed by the washer and gland nut. Tighten the gland nut until the cable cannot be moved in or out of the gland.

Important Note.

It is essential that the lid and gland is properly fitted to ensure the IP67 protection rating is retained.

Immersion.

For correct temperature measurement, the stem of all models in all ranges must be immersed a minimum of 40mm in into the process.



Calibration.

RTD probes contain no user adjustments and must be returned to the supplier for any servicing.

Measurement Elements / Accuracy.

Band2: +/-0.05% of span (PT100 0.00385)
Band5: +/-0.01% of span (PT100 0.003916)

(Element Band type will be stated on the instrument packaging).

Wiring.

Band 2 Simplex / Duplex
White = PT100
Red & Red = common

Band 5 Simplex / Duplex
Blue = PT100
Red & Red = common