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LABFACILITY
TEMPERATURE & PROCESS TECHNOLOGY

Platinum Resistance Pt100 Dual Element Mineral Insulated Sensor Probe

About Labfacility

Formed in 1971, Labfacility specialize in the field of Temperature and Process Measurement.

We are the largest UK manufacturer of both temperature sensors and thermocouple connectors.

Quality & Service

Quality and Service are key elements in the continued growth of Labfacility.

Technical support is always freely available from our experienced technical sales teams and the company has ISO9001 accreditation.

Mineral Insulated Duplex PRT's with two independent PT100 detectors inside tip of probe. This allows one probe to be connected to two measurement or control devices; alternatively, one sensor may be used as a primary and the other as a backup, eliminating the need to remove and replace the probe if one of the sensors should fail.

- High temperature, rugged, flexible Pt100 probe with dual element
- Suitable for many industrial applications including high pressure, vacuum and vibration
- Pt100 Class B, 2 x 3 wire connection
- Flexible stainless steel sheath, 6.0mm diameter
- Probe can be bent to enable fitting in awkward locations
- 1 metre 6 core Teflon® insulated, screened lead
- Sensor temperature rating -50°C to +500°C

Specifications

Sensor type:	Pt100 (100 Ohms @ 0°C) to IEC 751, Class B, 2 x 3 wire
Construction:	Flexible mineral insulated probe, 316 stainless steel sheath
Probe temperature range:	-50°C to +500°C
Probe dimensions:	6.0mm diameter, available in 150 or 250mm lengths
Probe bending radius:	18mm (min.) – Note: cannot be bent for 30mm at sensing tip
Extension cable:	1 metre 7/0.2mm flexible 6 core Teflon® insulated & screened
Pot seal/rating:	Plain pot seal rated 200°C max.
Termination:	2 x 3 wire tails – allows connection to any 2 or 3 wire PT100 instrument

Probe Diameter	Probe Length	Cable Length	Cable Conductors	Order code
6mm	150mm	1 meter	7/0.2mm	XF-1109-FAR
6mm	250mm	1 meter	7/0.2mm	XF-1110-FAR

Contact Details

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