

## Dual Element Mineral Insulated Pt100 Probe With Extension Lead



Labfacility are the UK's leading manufacturer of Temperature Sensors, Thermocouple Connectors and associated Temperature Instrumentation and stockings of Thermocouple Cables. The Company has been trading since 1971 and is ISO9001 accredited.

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

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<b>General Description</b>	Flexible mineral insulated probe, 316 stainless steel sheath
<b>Sensor Type</b>	Pt100 (100 Ohms @ 0°C) to IEC 751, Class B, 2 x 3 wire
<b>Probe Temperature Range</b>	-50°C to +500°C
<b>Probe Dimensions</b>	6.0mm diameter, available in 150 or 250mm lengths
<b>Probe Bending Radius</b>	18mm (min.) – Note: cannot be bent for 30mm at sensing tip
<b>Extension Cable</b>	1 metre 7/0.2mm flexible 6 core Teflon® insulated & screened
<b>Pot Seal / Rating</b>	Plain pot seal rated 200°C max.
<b>Termination Type</b>	2 x 3 wire tails – allows connection to any 2 or 3 wire PT100 instrument