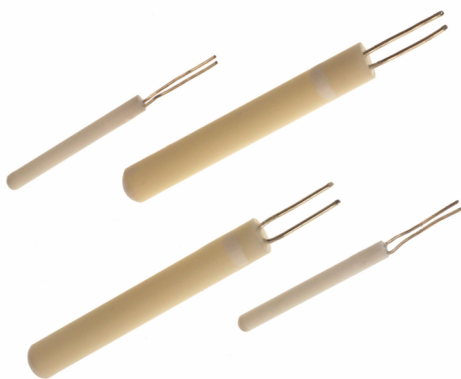




Platinum Wire-Wound Detector Elements

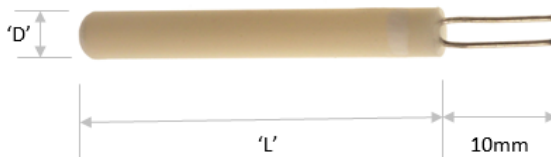


- ◆ Pt100 elements to IEC 60751 Class B
- ◆ 100Ω Ohms @ 0°
- ◆ Single element
- ◆ Platinum coil wire wound construction sealed inside a high purity alumina ceramic body
- ◆ Optimum performance & stability
- ◆ Temperature range -200°C to +650°C

Specifications:

Sensor type:	Pt100 (100 Ohms @ 0°C)
Construction:	Wire-Wound, 10mm tails
Temperature range:	-200°C to +650°C
Ice point resistance:	100Ω
Fundamental interval (0°C to 100°C):	38.5Ω (nominal)
Self heating:	0.02 to 0.3°C/mW
Thermal response:	<0.4s (secs. to 63% of final value – in water @ 1m/s)
Measuring current:	1mA
Tolerance Class:	In accordance with IEC 60751 W0.3 (Class B) -196°C to +660°C

Resistance	Tolerance Class	Diameter ('D')	Length ('L')	Farnell order code
Pt100	Class B	2.8mm	25mm	541-102



Platinum Wire-Wound Detector Elements

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.

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