Farnell

element14

temperature and process technology

LABFACILITY
TEMPERATURE & PROCESS TECHNOLOGY

Ceramic Wire-Wound - Pt100 Ohm

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.

Contact Details

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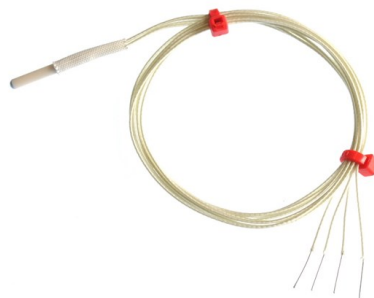

- Wire-wound construction, Class B
- High stability
- 300, 500 or 1000mm extended lead lengths (Glass-fibre insulated)
- 2 or 4 wire configuration
- Range of use –50°C to +350°C
- Optimum performance, suitable for air & immersion applications (where protected*)

Sensor type:	Platinum Resistance, Pt100 Ohm
Construction:	Platinum coil wire-wound construction sealed inside a high purity alumina ceramic body
Temperature range:	-50°C to +350°C
Extended lead wire configuration:	2 or 4 wire
Extended lead wires:	Glass-fibre insulated nickel, 300, 500 or 1000mm long
Ice point resistance:	100Ω Ohms
Fundamental interval (0°C to 100°C):	38.5Ω nominal (100Ω)
Tolerance class:	Class B
European / British Standard	Conforms to IEC 60751:2008 / BS EN 60751:2008

*Suitable only in dry, non-contaminating atmospheres where unprotected. Suitable protection /sheathing required for immersion into fluids, corrosive substances, processes etc.

Type	Detector Dimensions (WxL)	Tolerance Class	No. of Wires	Lead	order code
Pt100	2.8 x 15mm	Class B	2	300mm/26awg	XF-942-FAR
Pt100	2.8 x 15mm	Class B	2	500mm/26awg	XF-943-FAR
Pt100	2.8 x 15mm	Class B	2	1000mm/26awg	XF-944-FAR
Pt100	2.8 x 15mm	Class B	4	500mm/26awg	XF-940-FAR
Pt100	2.8 x 15mm	Class B	4	1000mm/26awg	XF-941-FAR

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