

LABFACILITY

TEMPERATURE & PROCESS TECHNOLOGY

Platinum Resistance Pt100 & Pt1000 Detectors with Extended Leads, Thin Film



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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Website
www.labfacility.com

- Thin Film - Pt100 Ohm and Pt1000 Ohm
- Thin film construction, Class A or B
- Fast response time
- 300, 500 or 1000mm extended lead lengths (Teflon® insulated)
- 2 or 4 wire configurations
- Suitable for air, surface & immersion applications (where protected*)
- Vibration resistant

Sensor type:

Construction:

Temperature range:

Extended lead wire configuration:

Extended lead wires:

Ice point resistance:

Fundamental interval (0°C to 100°C):

Tolerance class:

European / British Standard

Platinum Resistance, Pt100 or Pt1000 Ohms
Thin film, platinum film on ceramic substrate
-50°C to +250°C

2 or 4 wire

Teflon® insulated, stranded conductors

100Ω or 1000Ω Ohms

38.5Ω nominal (100Ω)

385Ω nominal (1000Ω)

Class A or B

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 x 10mm	Class B	2	300mm/24awg	XF-931-FAR
Pt100	2 x 10mm	Class B	2	500mm/24awg	XF-932-FAR
Pt100	2 x 10mm	Class B	2	1000mm/24awg	XF-933-FAR
Pt100	2 x 10mm	Class A	4	300mm/26awg	XF-936-FAR
Pt100	2 x 10mm	Class A	4	500mm/26awg	XF-934-FAR
Pt100	2 x 10mm	Class A	4	1000mm/26awg	XF-935-FAR
Pt1000	2 x 10mm	Class B	2	300mm/24awg	XF-938-FAR
Pt1000	2 x 10mm	Class B	2	500mm/24awg	XF-939-FAR
Pt1000	2 x 10mm	Class B	2	1000mm/24awg	XF-937-FAR