

## **Pt1000 Ohm Single Element Flat Film Detectors, Class B, 1 x 3mm**

**XE-4516-001**

100 OHM FLAT FILM DETECTORS



Labfacility are the UK's leading manufacturer of Temperature Sensors, Thermocouple Connectors and associated Temperature Instrumentation and stockists of Thermocouple Cables. The Company has been trading since 1971 and is ISO 9001 accredited.

*Labfacility are currently multi-sourcing flat film detectors to ensure we can maintain a supply service to our customers without affecting the quality or functionality for the foreseeable future.*

*All flat film detectors supplied, although differing in appearance and packaging in some cases, will meet the specifications stated below.*

## Specifications

<b>Sensor Type</b>	Pt1000 (1000 Ohms @ 0°C)
<b>Element</b>	Thin film, 10mm tails
<b>Max. Temperature</b>	+500°C
<b>Min. Temperature</b>	-50°C
<b>Tolerance</b>	Class B available in accordance with IEC 60751
<b>Fundamental interval</b>	385 ohms (nominal)
<b>Ice point resistance</b>	1000 ohms
<b>Self-heating</b>	<0.5°C/mW
<b>Stability</b>	±0.05%
<b>Thermal response</b>	<0.4s @ t0.9 (in water at 0.4m/sec)
<b>Features #1</b>	Resists vibration & shock

## Ordering Information

Type	Class	Size	Order Number
Thin Film Pt1000	Class B	1mm (w) x 3mm (l)	XE-4516-001