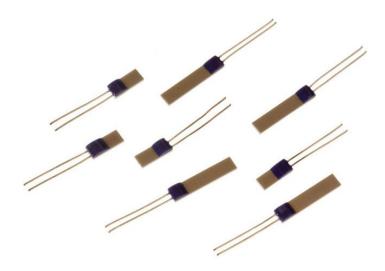


## 100 Ohm Flat Film Detectors - Class B - 2mm x 5mm



Labfacility are currently multisourcing flat film detectors in
order 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 as published on
our data sheets.



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.

## **Datasheet**



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

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## **Specifications**

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Product Code	XE-4400-001
Sensor Type	Pt100 (100 Ohms @ 0°C)
Element	Thin film, 10mm tails
Max. Temperature	500°C
Min. Temperature	-50°C
Tolerance	Class B in accordance with IEC 60751
Dimensions	2mm Width x 5mm Length
Fundamental interval	38.5 ohms (nominal)
Ice point resistance	100 ohms
Self-heating	<0.5°C/mW
Stability	±0.05%
Thermal response	<0.4s @ t0.9 (in water at 0.4m/sec)
Important Information	Resists vibration & shock
Series	RTD Detectors