



100 Ohm Flat Film Detectors

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.

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.

All flat film detectors supplied, although differing in appearance and packaging in some cases, will meet the specifications as published on our data sheets.

Specifications

Sensor Type	Pt100 (100 Ohms @ 0°C)
Element	Thin film, 10mm tails
Max. Temperature	+500°C
Min. Temperature	-50°C
Tolerance	Class B, A and 1/3DIN available in accordance with IEC 60751
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)
Features #1	Resists vibration & shock