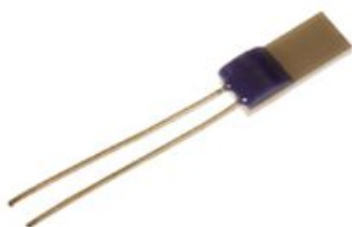


100 Ohm Flat Film Detectors

Class A 1 x 3mm

XE-4446-001

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 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 A 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 |

Ordering Information

| Class | Width | Length | Order Number |
|-------|-------|--------|--------------|
| A | 1mm | 3mm | XE-4446-001 |