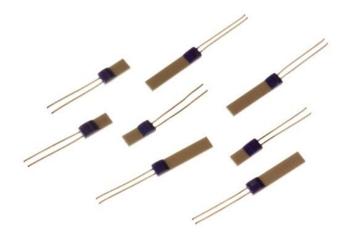


Platinum Resistance Pt100 & Pt1000 Thin Film Detectors

Platinum Sensing Resistors - Thin Film (Pt100 & Pt1000 Ohm)



Pt100 Elements, Thin Film (100 Ohm)

- Pt100 elements to IEC751 Class A, B and 1/3DIN
- For use from –50°C to +500°C
- Thin film construction
- Suitable for surface & immersion applications where protected
- Vibration resistant

Specifications:

Sensor type: Construction: Temperature range: Ice point resistance: Fundamental interval (0°C to 100°C): Self-heating: Thermal response: Stability: Pt100 (100 Ohms @ 0°C) Thin film, 10mm tails -50°C to +500°C 100Ω 38.5Ω (nominal) <0.5°C/mW <0.4s @ t0.9 (in water at 0.4m/sec) ±0.05%



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LAB022/0117

Pt1000 Elements, Thin Film (1000 Ohm)

- Pt1000 elements to IEC 751 Class A and B
- For use from –50°C to +500°C
- Thin film construction
- Suitable for surface & immersion applications where protected
- Vibration resistant

Specifications:

Sensor type: Pt1000 (1000 Ohms @0°C) Construction: Thin film, 10mm tails Temperature range: -50°C to +500°C Ice point resistance: 1000Ω Fundamental interval (0°C to 100°C): 385Ω (nominal) Self-heating: <0.5oC/mW Thermal response: <0.4s @ t0.9 (in water at 0.4m/sec) Stability: ±0.05%

