

Flat Film RTD Elements



Description

Our range of thin film Platinum Resistance Temperature Detectors are designed for applications where high accuracy temperature readings and long term stability are vital.

The RTD sensor elements measure at 2mm x 2mm and come in both Pt100 and Pt1000 ranges, class A and class B. Nickel wires are provided for connection to the detector, with a lead length of 10mm (0.22mm dia.).

The robust design means a vibration resistance of at least 40G acceleration (10 to 1000Hz) is achievable without compromising accuracy.



Specification

Product	FLAT FILM RTD ELEMENT
Type	RTD Element
Temp Range	-50 to + 400
Size	L=2.3mm W=2.1mm H=0.9mm
Lead length	10mm x 0.22mm
Material	Nickel connection wires
Self-heating	0.4 K/mW at 0
Accuracy	Class A or class B
Part Number	RAELE

Features

- Good long-term stability
- High Accuracy
- Wide temperature range
- Excellent vibration resistance

Application

- Industrial equipment
- HVAC
- Energy management
- Surface and Air flowing temp

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