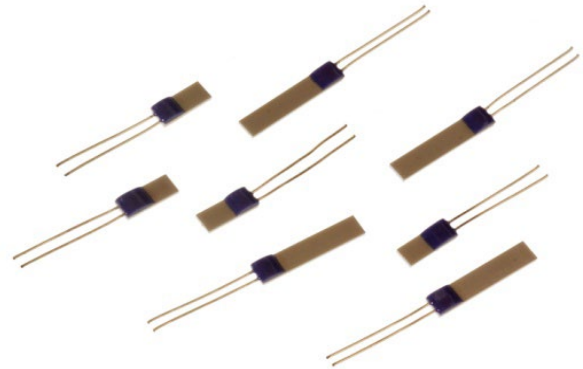


Platinum Resistance Pt1000 Thin Film Detectors



Pt1000 Elements, Thin Film (1000 Ohm)

Features

- Pt1000 elements to IEC 751 Class A, B and 1/3DIN
- For use from -50°C to $+500^{\circ}\text{C}$
- 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 $+500^{\circ}\text{C}$
Ice point resistance:	1000 Ω
Fundamental interval (0°C to 100°C):	385 Ω (nominal)
Self-heating:	$<0.5\text{mC}/\text{mW}$
Thermal response:	0.1s
Stability:	$\pm 0.05\%$

Resistance	Dimensions (width x length)	Tolerance Class	Order code
Pt1000	2.0 x 10.0mm	Class A	RND 410-00031
Pt1000	2.0 x 10.0mm	Class B	RND 410-00028
Pt1000	2.0 x 10.0mm	1/3 Din	RND 410-00032
Pt1000	1.0 x 3.0mm	Class B	RND 410-00030
Pt1000	1.25 x 1.7mm	Class B	RND 410-00029