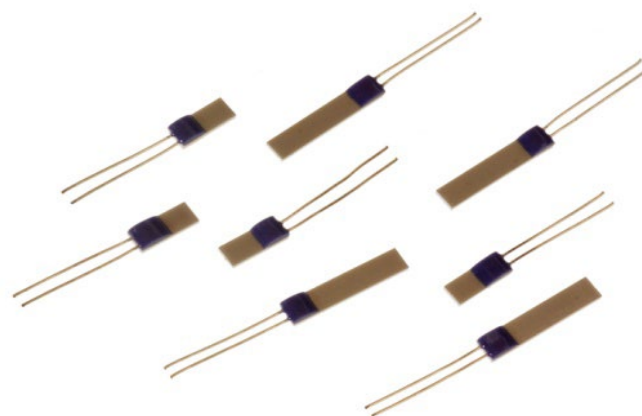


Platinum Resistance Pt100 Thin Film Detectors



Pt100 Elements, Thin Film (100 Ohm)

Features

- Pt100 elements to IEC751 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:	Pt100 (100 Ohms @ 0°C)
Construction:	Thin film, 10mm tails
Temperature range:	-50°C to $+500^{\circ}\text{C}$
Ice point resistance:	100 Ω
Fundamental interval (0°C to 100°C):	38.5 Ω (nominal)
Self-heating:	$<0.5^{\circ}\text{C}/\text{mW}$
Thermal response:	0.1s
Stability:	$\pm 0.05\%$

Resistance	Dimensions (width x length)	Tolerance Class	Order code
Pt100	2 x 5.0mm	Class A	RND 410-00018
Pt100	2 x 5.0mm	Class B	RND 410-00012
Pt100	2 x 10mm	Class A	RND 410-00019
Pt100	2 x 10mm	Class B	RND 410-00013
Pt100	2.0 x 10mm	1/3DIN	RND 410-00025
Pt100	2.0 x 2.3mm	Class A	RND 410-00020
Pt100	2.0 x 2.3mm	Class B	RND 410-00014
Pt100	2.0 x 2.3mm	1/3DIN	RND 410-00026
Pt100	1.2 x 1.6mm	Class A	RND 410-00022
Pt100	1.2 x 1.6mm	Class B	RND 410-00016
Pt100	1.0 x 3.0mm	Class A	RND 410-00023
Pt100	1.0 x 3.0mm	Class B	RND 410-00017
Pt100	2.0 x 5.0mm	1/3 Din	RND 410-00024
Pt100	1.2 x 4.0mm	Class B	RND 410-00015
Pt100	1.2 x 4.0mm	Class A	RND 410-00021