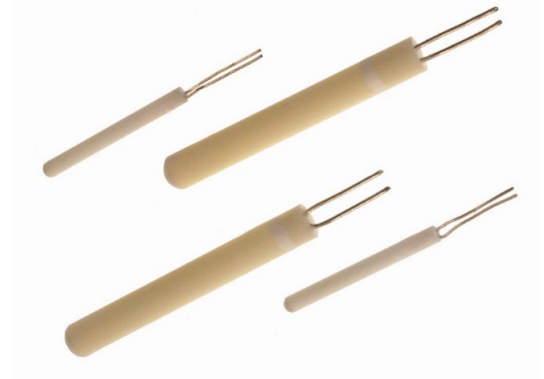


Platinum Resistance Pt100 Wire-Wound Detector Elements



Features

- Pt100 elements to IEC 60751 Class A or B
- 100 Ohms @ 0°C
- Platinum coil wire-wound construction sealed inside a high purity alumina ceramic body
- Optimum performance & stability
- Temperature range -200°C to +650°C



Specifications:

Sensor type:	Pt100 (100 Ohms @ 0°C)
Construction:	Wire-Wound, 10mm tails
Temperature range:	-200°C to +650°C
Ice point resistance:	100Ω
Fundamental interval (0°C to 100°C):	38.5Ω (nominal)
Self-heating:	0.02 to 0.3°C/mW
Thermal response:	<0.4s secs. to 63% of final value (in water @ 1m/s)
Measuring current:	1mA
Tolerance Class:	In accordance with IEC 60751 W0.15 (Class A) -100°C to +450°C W0.3 (Class B) -196°C to +660°C

Resistance	Tolerance Class	Diameter ('D')	Length ('L')	order code
Pt100	Class B	1.5mm	8mm	RND 410-00034
Pt100	Class A	1.5mm	8mm	RND 410-00040
Pt100	Class B	0.9mm	15mm	RND 410-00033
Pt100	Class A	0.9mm	15mm	RND 410-00039
Pt100	Class B	1.5mm	15mm	RND 410-00035
Pt100	Class A	1.5mm	15mm	RND 410-00041
Pt100	Class B	1.5mm	25mm	RND 410-00036
Pt100	Class A	1.5mm	25mm	RND 410-00042
Pt100	Class B	2.8mm	15mm	RND 410-00037
Pt100	Class A	2.8mm	15mm	RND 410-00043
Pt100	Class B	2.8mm	25mm	RND 410-00038
Pt100	Class A	2.8mm	25mm	RND 410-00044

