

Pt100 ELEMENTS, THIN FILM (100 Ohm) THERMOMETER INSERTS

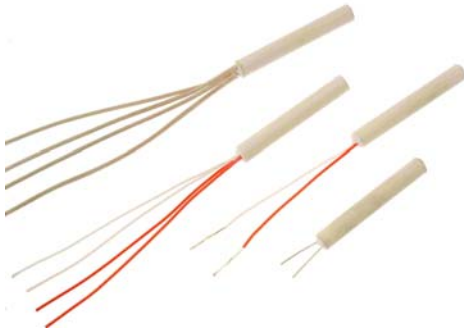
- Pt100 elements to IEC 751 Class A & B in ceramic sheaths
- Sheath 5.2mm diameter x 35mm long
- For use from -50°C to $+250^{\circ}\text{C}$
- Thin film construction
- Extension leads 7/0.2mm singles, copper, PTFE insulated
- Insulated leads rated -50°C to $+250^{\circ}\text{C}$
- 2 or 4 wire configurations
- Vibration resistant

Specifications of elements

Sensor type:	Pt100 (100 Ohms @ 0°C)
Construction:	Thin film sensor in ceramic sheath
Temperature range:	-50°C to $+250^{\circ}\text{C}$
Ice point resistance:	100 Ω
Fundamental interval (0°C to 100°C)	38.5 Ω (nominal)
Self heating	<005 $^{\circ}\text{C}/\text{mW}$
Stability	$\pm 0.05\%$
Sheath dimensions & tolerance class	5.2mm O/D x 35mm, Class B

Dimensions & codes

	Farnell code	LAB code
50mm x 2 wire 7/0.2mm PTFE	725-5731	01-412-RT/D
450mm x 4 wire 7/0.2mm PTFE	725-5743	01-412-RT/B



Data Ref: FAR 60