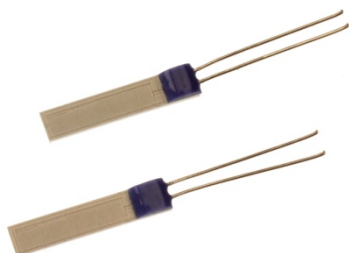


PRODUCT DATA

Platinum Sensing Resistors – Thin Film (Pt100 & Pt1000 Ohm)

Pt100 Elements, Thin Film (100 Ohm)



- 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

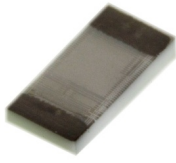
Specifications of elements

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:	$\pm 0.05\%$

Codes:

Dimensions & Tolerance Class	Labfacility code	Stock code	Farnell code
Pt100, 2 x 5.0mm, Class A	DM-508	XF-537-D	128-9666
Pt100, 2 x 5.0mm, Class B	DM-503	XF-539-FAR	721-8850 (x5)
Pt100, 2 x 10mm, Class A	DM-334	XF-416-FAR	859-8525
Pt100, 2 x 10mm, Class B	DM-333	XF-417-FAR	859-8533
Pt100, 2.0 x 10mm, 1/3DIN	DM-509	XF-553-FAR	NEW
Pt100, 2.0 x 2.3mm, Class A	DM-303	XF-538-D	128-9667
Pt100, 2.0 x 2.3mm, Class B	DM-301	XF-418-FAR	859-8541
Pt100, 2.0 x 2.3mm, 1/3DIN	DM-304	XF-552-FAR	NEW
Pt100, 1.2 x 4.0mm, Class A	DM-312	XF-539-D	128-9668
Pt100, 1.2 x 4.0mm, Class B	DM-313	XF-540-D	128-9669
Pt100, 1.2 x 1.6mm, Class A	DM-314	XF-541-D	128-9670
Pt100, 1.2 x 1.6mm, Class B	DM-315	XF-542-D	128-9671
Pt100, 1.0 x 3.0mm, Class A	DM-514	XF-551-FAR	NEW
Pt100, 1.0 x 3.0mm, Class B	DM-513	XF-550-FAR	NEW

Pt100 PCB Surface Mount with Solders Pads

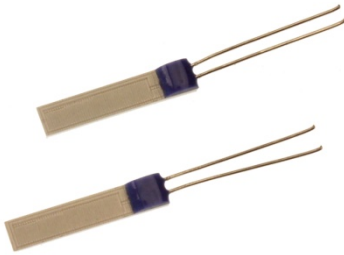


Temperature range: -50°C to +150°C

Code:

Dimensions & Tolerance Class	Labfacility code	Stock code	Farnell code
Pt100, 1.6 x 3.2mm, Class B	DM-317	XF-544-D	128-9672

Pt1000 Elements, Thin Film (1000 Ohm)



- Pt1000 elements to IEC 751 Class A and B
- For use from -50°C to +500°C
- Thin film construction
- Suitable for surface & immersion applications where protected
- Vibration resistant

Specifications of elements

Sensor type:	Pt1000 (1000 Ohms @0°C)
Construction:	Thin film, 10mm tails
Temperature range:	-50°C to +500°C
Ice point resistance:	1000Ω
Fundamental interval (0°C to 100°C):	385Ω (nominal)
Self heating:	<0.5°C/mW
Thermal response:	0.1s
Stability:	±0.05%

Codes:

Dimensions & Tolerance Class	Labfacility code	Stock code	Farnell code
Pt1000, 2.0 x 10mm, Class A	DM-310	XF-419-FAR	859-8550
Pt1000, 2.0 x 10mm, Class B	DM-507	XF-420-FAR	774-5655
Pt1000, 1.0 x 3.0mm, Class B	DM-504	XF-554-FAR	NEW
Pt1000, 1.25 x 1.7mm, Class B	DM-318	XF-555-FAR	NEW