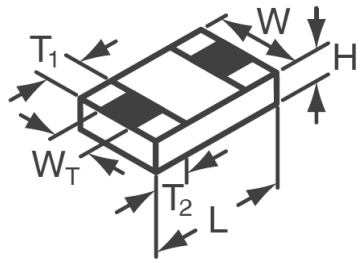
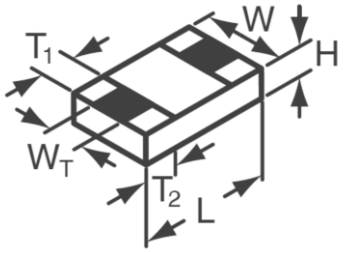
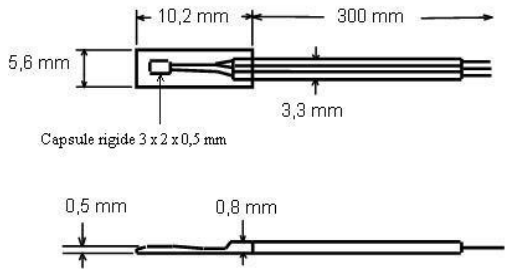
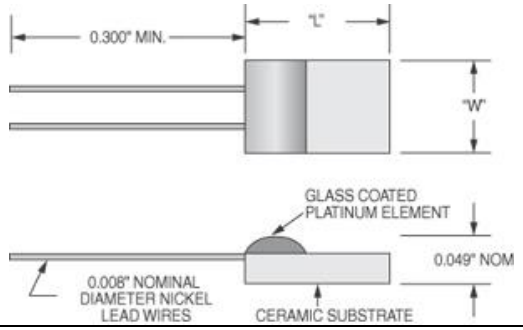
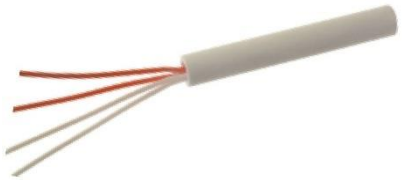
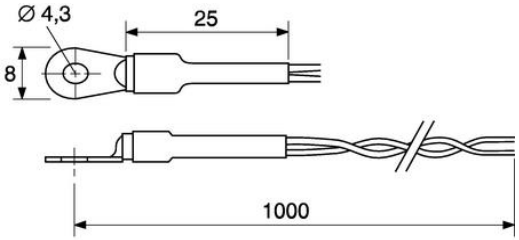
Pt100 Sensors Suggestions

Distributors: Distrelec, Farnell, Digi-Key, Mouser

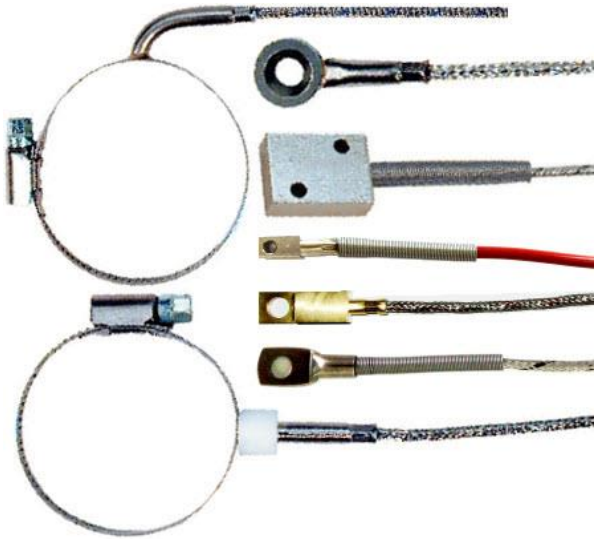
Mounting Drawing	Dimensions	Type Characteristics	Manufacturer P/N	Distributor P/N
	0603 (SMD) L: 1.55 mm W: 0.85 mm H: 0.45 mm	Class B ±1% I_{meas} 0.1-0.25 mA	VISHAY Beyschlag PTS060301B100RP100	Farnell 1560916 Digi-Key PTS0603100CT-ND Mouser 594-PTS060301B100RP
	1206 (SMD) L: 3.2 mm W: 1.6 mm	Class B ±0.05% I_{meas} 1 mA	LABFACILITY DM-317 Stock Code XF-544-D	Farnell 1289672 Alternative Product: Distrelec 176-68-999
	L: 1.6 mm W: 1.2 mm	Class A	LABFACILITY DM-314 Stock Code XF-541-D	Farnell 1289670 Alternative Product: Distrelec 176-80-937

	L: 10.2 mm W: 5.6 mm wires: 30 cm	+/- 0.2 Class A +/- 0.12 Class B	TME (tme-france.com) 29223	
	L: 2.41 mm W: 1.70 mm H: 1.25 mm nom wires: >7.5 mm	Class C ±0.24% I_{meas} 1 mA	US Sensor PPG101C1	Digi-Key 615-1039-ND Mouser 803-PPG101C1
	L: 1.6 mm W: 1.2 mm	Class A I_{meas} <0.5 mA	IST AG P0K1.161.6W.A.010	Farnell 1266923
	L: 13 mm W: 2.8 mm dia. cylinder wires: 7 mm	Class B I_{meas} 1 mA	IST AG P0K1.281.6W.B.007 Alternative Product: Atexis (TE Connectivity Measurement Specialties) UK02 PT100	Farnell 1778045 Alternative Product: Distrelec 176-69-062

	L: 35 mm W: 5 mm dia. cylinder wires: 450 mm	4-wire configuration Class B	LABFACILITY 010010TD	Farnell 7255743
	with eye 4.3 mm 	Class B I_{meas} 0.3..1 mA	Atexis (TE Connectivity Measurement Specialties) PT100 CRIMP RING 4.3MM	Distrelec 176-69-120

Customer specific sensors

Depending on the application, the environment (e.g. gas or fluids) and the form of the object sometimes customer specific sensors can be needed. Following some examples of possible sensor models. Please contact K. Mösch AG (Switzerland, http://www.moeschag.ch) or IST AG (Switzerland, http://www.ist-ag.ch) for customer specific sensors.

Surface sensors		
Cable mounted probes		
Glass encapsulated sensors		- Smallest dimensions Ø1,2 x 7 mm
Thin foil sensor		- Smallest thickness 0.13 mm - No need to drill into object. Surface mountable
Silicone encapsulated sensors		- Smallest thickness 1 mm

Different forms, mounting types		- Several possibilities to mount sensor or to reach point of measurement at object