

Temperature sensor



SMT Ring Terminal Probe ETP-RT-PT

- Temperature range -40 to +250°C
- Available in a range of sizes
- PT100 and PT1000 available
- Custom designs available
- Higher temperature range available

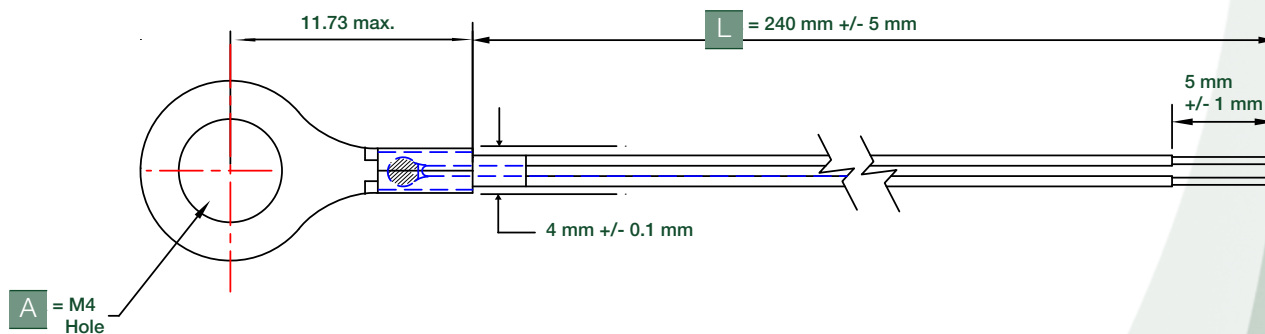


Applications

- Industrial equipment
- Transit
- HVAC
- Power and utilities
- Computers
- Home appliances
- Calibration and instrumentation

Ordering information for standard stock model:

Stock model number: **ETP - RT - 4 - 24 - PT100B**



Technical parameters for stock model

	Unit	Value
Sensing element		PT100 class B
Accuracy	°C	± (0,3 K + 0,005 x t)
Operating temperature	°C	-40 to +250
Epoxy thermal conductivity	W/(m.K)	1.7

Materials

Leads and insulation	PTFE insulated leads 7 / 0.2 (24AWG)
Probe material	Tin plated copper

Features

- Cost effective - off the shelf model
- Stock model - reduced lead times
- Improved potting epoxy has outstanding thermal conductivity for faster response times

Ordering information for custom designs:

Use the information below to build up a custom probe design.

A	Probe size					
	Order Code A =	4	5	6	8	x
	To suit stud size	M4	M5	M6	M8	Optional stud size

L	Probe cable length											
	Order Code L =	5	10	15	20	23	25	30	35	40	45	x
	Length in mm +/- 5 mm	50	100	150	200	230	250	300	350	400	450	Custom length

T	Thermistor type	
	Order Code T =	PT100B = PT100 class B PT100A = PT100 class A PT1000B = PT1000 class B PT1000A = PT1000 class A

