

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

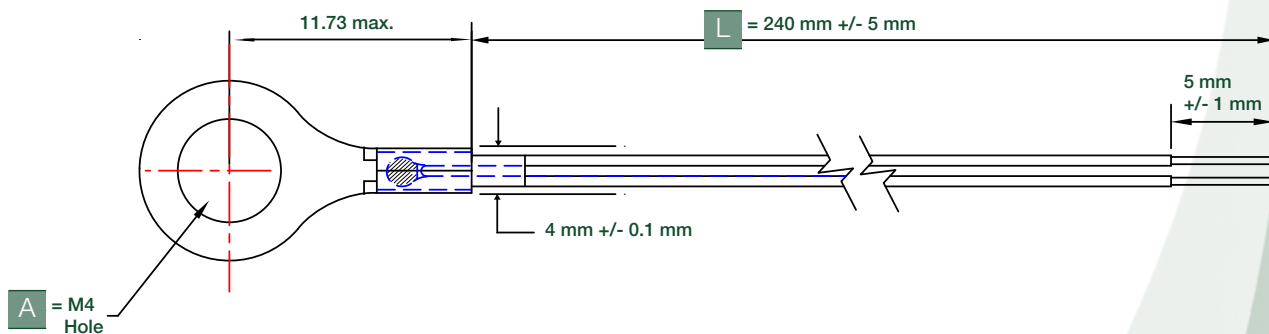


Applications

- 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

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