

Temperature sensor



Hex Bolt Sensor ETP-SP-PT

- Temperature range -40 to +250°C
- Miniature design with M8 hexagonal bolt
- PT100 and PT1000 available
- Custom designs available
- Higher temperature range available
- Versatile temperature probe with screw body

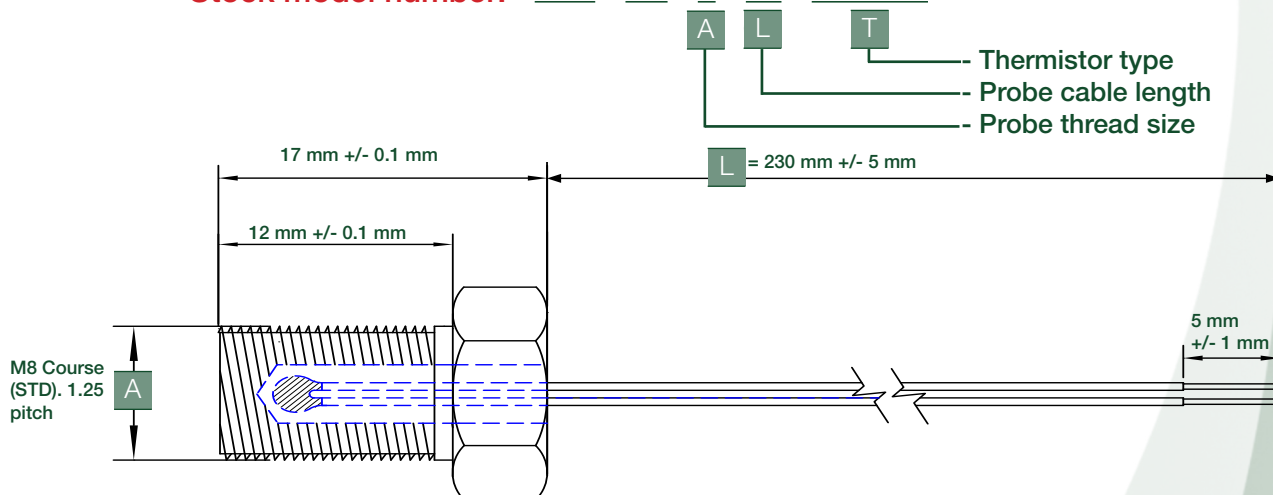


Applications

- Heating / cooling systems
- Laboratory
- Industrial process
- Energy
- HVAC
- Drilling

Ordering information for standard stock model:

Stock model number: **ETP - SP - 8 - 23 - 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	PFA sheathed twisted pair 7/0.2 with PTFE heat shrink
Probe material	Stainless steel

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 thread size	Order Code A =	6	7	8	x
	Thread size in mm		M6	M7	M8	Optional thread 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

