

## Stainless Steel Tubular Sensor ETP-TP-SS

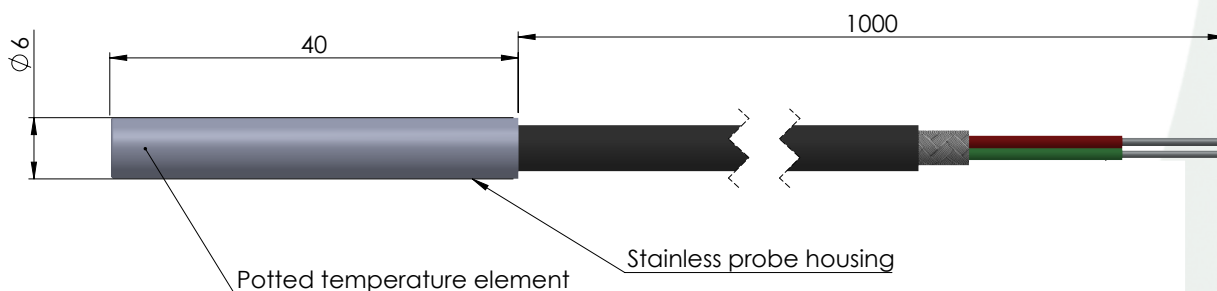
- Versatile PT100 or 1000 B temperature probe
- Miniature design with 316 stainless steel tubular housing - IP67 sealing
- Temperature range -40 to +125°C
- Improved potting epoxy has outstanding thermal conductivity for faster response times



### Applications

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

### Reference dimensions:



### Wiring RTD

Leg 1 of PT	Red + Green
Leg 2 of PT	Blue + Yellow

### Specifications:

#### Technical parameters for stock model

	Unit	Value
Sensing element		PT100 or 1000 class B
Accuracy	°C	$\pm (0.3 K + 0.005 \times  t )$
Working temperature	°C	-40..125
Environmental temperature	°C	-40..70
Epoxy thermal conductivity	W/(m.K)	1.7
Response time in liquids:t90	s	Approx 25s
Isolation resistance	kV	1
Sealing		IP67

#### Materials

Leads and insulation	PVC shielded 1 m
Probe material	316 stainless steel

### Ordering information:

**Model number:** 94051 - ETP-TP-SS-40-6-100-PT100B

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