Temperature Probe

VARIOHM
EuroSensor

ETP-AM-SP-100-PT

- Cost effective standard model
- Robust and compact design
- Fast response time
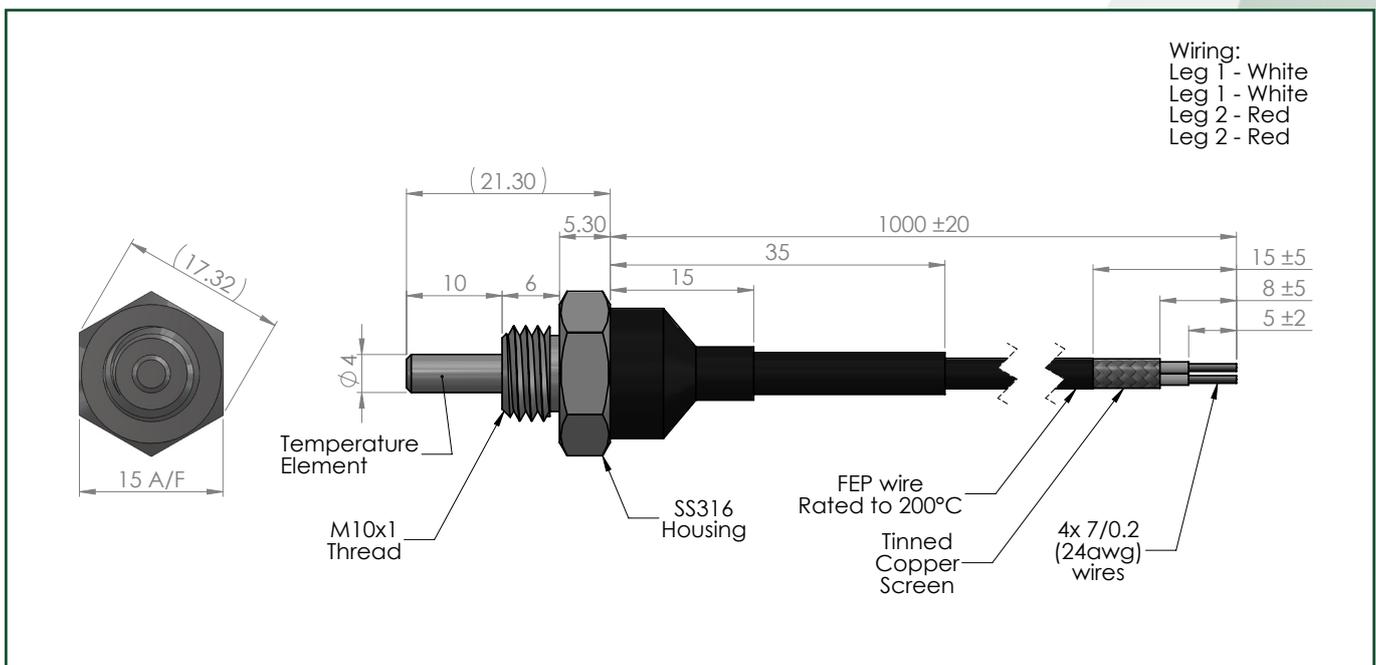- Wide environmental temperature range

The ETP-AM-SP-100-PT temperature probe provides a cost-effective measurement solution where heat, dust and moisture are prevalent and where a compact and robust high-reliability design is required. The sensor is particularly suitable for demanding temperature monitoring applications on vehicles but with its fast response time and wide environmental temperature range, it is equally well-equipped for measurement of liquids and gases used in medical equipment, test machinery, industrial instrumentation and process control systems.

Technical information

Element:	PT100B	PT1000A
Accuracy:	± (0.3 K + 0,005 x |t|)	± (0.15 K + 0,002 x |t|)
Working temperature:	-55°…+180 °C, short term 230 °C	
Environmental temperature:	-55°…+150°C	
Sealing:	IP67	
Response time in still water t90:	7 s	

Material:	
Housing:	316 stainless steel
Connector	FEP 4 core AWG24, tinned copper shield, 3.2 mm OD
Heat shrink:	Elastomer

Dimensions and wiring

Wiring:
Leg 1 - White
Leg 1 - White
Leg 2 - Red
Leg 2 - Red

(21.30)
5.30
1000 ±20
35
15 ±5
8 ±5
5 ±2
(17.32)
10
6
15
Ø 4
15 A/F

Temperature Element
M10x1 Thread
SS316 Housing
FEP wire Rated to 200°C
Tinned Copper Screen
4x 7/0.2 (24awg) wires

Ordering Information

Order code: ETP-AM-SP-100-PT100B (93629)
ETP-AM-SP-100-PT1000A (93637

VARIOHM HOLDINGS

Subject to change without notice