



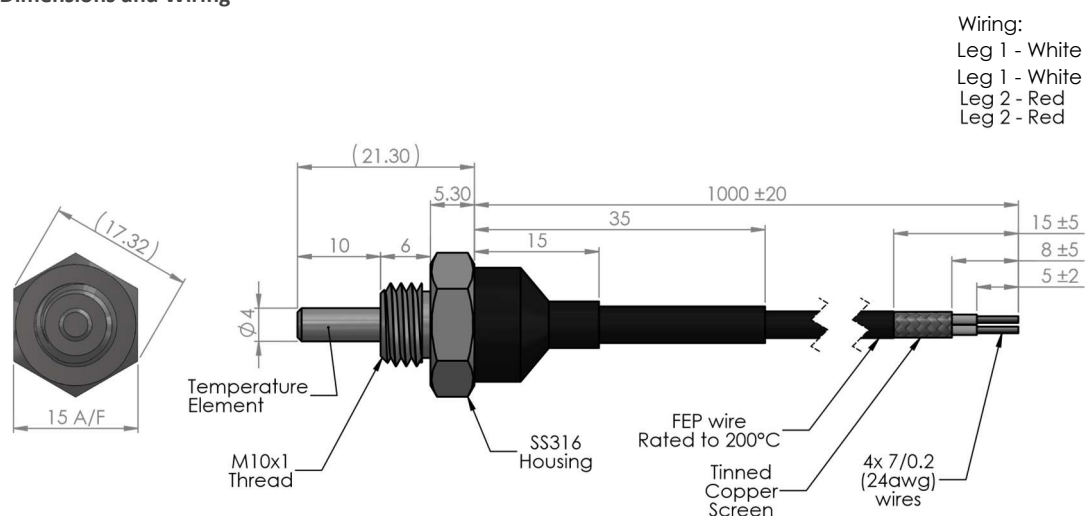
The ETP-AM-SP-100-PT temperature probe provides a cost-effective measurement solution where heat, dust and moisture are prevalent and where a compact and robust high-reliability design is required. The sensor is particularly suitable for demanding temperature monitoring applications on vehicles but

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.

#### Specifications

Element:	PT100B	PT1000A
Accuracy:	$\pm (0.3 \text{ K} + 0.005 \times  t )$	$\pm (0.15 \text{ K} + 0.002 \times  t )$
Working temperature:	-55°...+180 °C, short term 230 °C	
Environmental temperature:	-55°...+150°C	
Sealing:	IP67	
Response time in still water t90:	7 s	
Recommended applied current (self-heating must be considered)	1 mA at 100 $\Omega$ 0.3 mA at 1000 $\Omega$	
Housing:	316 stainless steel	
Cable:	FEP 4 core AWG24, tinned copper shield, 3.2 mm OD	
Heat shrink:	Elastomer	

#### Dimensions and Wiring



#### Order Code

93629-ETP-AM-SP-100-PT100B  
93637-ETP-AM-SP-100-PT1000A