



- ▶ **Robust and compact design**
- ▶ **Fast response time**
- ▶ **Wide environmental temperature range**

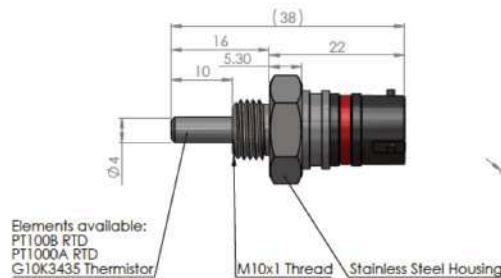
The ETP-AM-SP-ASL-PT temperature probe provides a measurement solution where heat, dust and moisture are prevalent and where a compact and robust high-reliability design is required. This sensor is particularly suitable for demanding temperature monitoring

applications on vehicles, especially in the motorsports industry. With its fast response time and wide environmental temperature range, it is equally well-equipped for measurement of liquids and gases used in test machinery and industrial instrumentation.

| Specifications  |                                   |                                   |
|---|-----------------------------------|-----------------------------------|
| Element:  | PT100B                            | PT1000A                           |
| Accuracy:   | $\pm (0.3 K + 0,005 \times  t )$  | $\pm (0.15 K + 0,002 \times  t )$ |
| Working temperature:  | -55°...+170 °C, short term 230 °C |                                   |
| Environmental temperature:                                    | -55°...+170 °C                    |                                   |
| Sealing:  | IP67                              |                                   |
| Response time in still water t90:                             | 7 s                               |                                   |
| Recommended applied current (self heating must be considered) | 1 mA at 100 Ω<br>0.3 mA at 1000 Ω |                                   |
| Housing:  | 316 stainless steel               |                                   |
| Connector   | ASL-106-05PN-HE                   |                                   |
| recommended Mating Connector                                  | ASL-606-05SN-HE                   |                                   |
| Weight:   | 16 g                              |                                   |

**Dimensions and Wiring**

Connector wiring:  
Pin 1 - Sensor leg 1  
Pin 2 - Sensor leg 1 LINK  
Pin 3 - Sensor leg 2 LINK  
Pin 4 - Sensor leg 2  
Pin 5 - No connect



**Ordering information**

Ordering Code: 94805-ETP-AM-SP-ASL-PT100A  
94807-ETP-AM-SP-ASL-PT1000A

Ordering Code mating connector: 20875 - ASL606-05SN-HE