# Pt1000TG8/E, temperature probe, cable 15 m



code: SN118E

Multi-purpose watertight IP67 probe -80 to +200°C.

Stainless steel 17241 with silicone cable of specified length, with ELKA connector. Diameter 5.7mm, length 40mm. Time response t63<10s, t95<30s, measured in fluid. Time response t63<60s, t95<150s, measured in airflow 1m/s.

**Measuring range: -50°C** to 200°C**
**** For static position of lead-in cable, the sensor can operate in temperatures from -80 °C**

**Optionally also available with cable of various lengths. For other cable lengths use the selector.**

## Technical data

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|---|---|
| TEMPERATURE SENSOR | |
| Measuring range | -50 to +200 °C <br> -80 to +200 °C (for static position of lead-in cable) |
| Accuracy | ± (0.15 + 0.002 t) at °C |
| Accuracy class | A |
| Time response | t0.5 <7 s (in flowing water at > 0.2 m/s)<br>t63 <10s, t95 <30s (in liquid)<br>t63 <60s, t95 <150s (air flow 1m/s) |
| Type of sensing element | Pt1000 |
| Temperature coefficient | 3850 ppm / °C |
| GENERAL TECHNICAL DATA | |
| Wire connection | 2-wire connection |
| Material of the case | stainless steel DIN 1.4301 |
| Dimensions of the case | length 40 mm; <br>diameter 5.7 ± 0.1 mm |
| Lead-in cable | silicone shielded |
| Length of lead-in cable | 15 meters |
| Connector | ELKA |
| IP protection | IP67 |
| Warranty | 30 months |