

Pt1000TG8/E, temperature probe, cable 5 m

code: SN108E

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 $t_{63}<10s$, $t_{95}<30s$, measured in fluid. Time response $t_{63}<60s$, $t_{95}<150s$, 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

| | |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| TEMPERATURE SENSOR | |
| Measuring range | -50 to +200 °C -80 to +200 °C (for static position of lead-in cable) |
| Accuracy | $\pm (0.15 + 0.002 t)$ at °C |
| Accuracy class | A |
| Time response | $t_{0.5} <7 s$ (in flowing water at $> 0.2 m/s$) $t_{63} <10s$, $t_{95} <30s$ (in liquid) $t_{63} <60s$, $t_{95} <150s$ (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; diameter $5.7 \pm 0.1 mm$ |
| Lead-in cable | silicone shielded |
| Length of lead-in cable | 5 meters |
| Connector | ELKA |
| IP protection | IP67 |
| Warranty | 30 months |