# Temperature probe Pt1000TG8/E, ELKA connector, cable 10 meters



code: SN113E

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

The probe is designed to measure the temperature of gaseous and liquid substances. Used type of lead-in cable has silicone insulation and shielding.

The probe is designed for universal use, the method of use must be chosen with regard to the temperature and chemical resistance of thecase and lead-in cable.

## 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 | 10 meters |
| Connector | ELKA |
| IP protection | IP67 |
| Warranty | 30 months |