

## Temperature probe Pt1000TGL40/E, ELKA connector, cable 1 meter

code: SN185E



Low cost multi-purpose watertight (IP67) probe -30 to +80°C.

Stainless steel 17241 with PVC cable of specified length. 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. With ELKA connector.

### Technical data

|                         |   |
|-------------------------|---|
| TEMPERATURE SENSOR      |   |
| Measuring range         | -30 to +80 °C   |
| Accuracy                | $\pm (0.15 + 0.002 t)$ at °C  |
| Accuracy class          | A   |
| Time response           | $t_{0.5} < 7 s$ (in flowing water at $> 0.2 m/s$ )<br>$t_{63} < 10s$ , $t_{95} < 30s$ (in liquid)<br>$t_{63} < 60s$ , $t_{95} < 150s$ (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 1.4571  |
| Dimensions of the case  | length 40 mm;<br>diameter $5.7 \pm 0.1 mm$  |
| Lead-in cable           | PVC shielded  |
| Length of lead-in cable | 1 meter   |
| Connector               | ELKA  |
| IP protection           | IP67  |
| Warranty                | 30 months   |