

# Temperature probe Pt1000TG68/0, without connector, cable 1 meter

code: SN251

Multi-purpose watertight IP68 probe -50 to +200°C.

The probe is designed to measure the temperature of gaseous and liquid substances.



The maximum temperature range of use of the sensors is -50 to 200 °C. Used type of lead-in cable has silicone insulation and shielding.

The probe meet the ingress protection of IP 68 (1 bar) in accordance with EN 60 529 and is designed for measuring the temperature below the surface of water for continuous immersion at a depth of up to 5 m.

The method of use must be chosen with regard to the temperature and chemical resistance of the case and supply cable.

## Technical data

|                         |  |
|-------------------------|--|
| TEMPERATURE SENSOR      |  |
| Measuring range         | -50 to +200 °C                             |
| Accuracy                | ± (0.15 + 0.002 t) at °C                   |
| Accuracy class          | A  |
| Time response           | t0.5 <12 s (in flowing water at > 0.2 m/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 1.4404                 |
| Dimensions of the case  | length 60 mm; <br>diameter 6 ± 0.1 mm      |
| Lead-in cable           | silicone shielded                          |
| Length of lead-in cable | 1 meter                                    |
| Connector               | without connector                          |
| IP protection           | IP68                                       |
| Warranty                | 30 months                                  |