# Temperature probe Pt1000TG7/0, without connector



code: SN164

Temperature probes Pt1000TG7 are designed to measure the surface temperature of solid substances.
The maximum temperature range of use of the sensors is -50 to +200 °C and these limits must not be exceeded even for a brief period.
Used type of lead-in cable has silicone insulation and shielding. The structure of the sensors enables fast response to changes in temperature. The sensors are mounted to the surface using one or two M4 screws.

The sensors are designed for use in a chemically non-aggressive environment. The method of use must be chosen with regard to the temperature and chemical resistance of the case and lead-in 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 <10 s (on flat surface of Al prism without paste) |
| Type of sensing element | Pt1000 |
| Temperature coefficient | 3850 ppm / °C |
| GENERAL TECHNICAL DATA | |
| Wire connection | 2-wire connection |
| Material of the case | brass |
| Dimensions of the case | height 6 ± 0.1 mm; <br>diameter 19.5 ± 0.1 mm; <br>mounting holes diameter 4.3 ± 0.05 mm |
| Lead-in cable | silicone shielded |
| Length of lead-in cable | 1 meter |
| Connector | without connector |
| IP protection | IP65 |
| Warranty | 30 months |