# Temperature probe Pt1000TG8Ex/C, CINCH connector, for ATEX zone II, cable 10 meters



code: SN266C

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

Temperature probes marked II3G Ex ec IIC T3 Gc and II3D Ex tc IIIC T60 °C... 230 °C Dc can be used in potentially explosive atmospheres - equipment group II, zone 2 and zone 22.

The probes operate on the principle of a defined dependence of the change of the sensor property on the change of the temperature. They are not able to generate sparks, arcs or high surface temperatures. The temperature range for use in potentially explosive atmospheres is limited to a maximum temperature of +180 °C (the measuring range must not be exceeded even for a short time). The probes are designed for operation in a chemically non-aggressive environment, the method of use must be chosen with regard to the temperature and chemical resistance of the housing and the supply cable.

The manufacturer issues an EU Declaration of Conformity. The design of the probe is certified due to the certificate FTZÚ07 ATEX 142X.

## Technical data

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| TEMPERATURE SENSOR | |
| Measuring range | -30 to +180 °C |
| Accuracy | ± (0.15 + 0.002 ltl) at °C |
| Accuracy class | A |
| Time response | t0.5 <5 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 1.4571 |
| Dimensions of the case | length 60 mm; <br>diameter 5.7 ± 0.1 mm |
| Lead-in cable | silicone shielded |
| Length of lead-in cable | 10 meters |
| Connector | CINCH |
| IP protection | IP67 |
| Warranty | 30 months |