

## Pt1000TG8/E, temperature probe

code: SN104E

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

Stainless steel 17241 with silicone cable of specified length, with ELKA connector. 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/s.



**Measuring range: -50°C\*\* to 200°C**

**\*\* For static position of lead-in cable, the sensor can operate in temperatures from -80 °C**

**Optionally also available with cable of various lengths. For other cable lengths use the selector.**

### Technical data

TEMPERATURE SENSOR	
Measuring range	-50 to +200 °C   -80 to +200 °C (for static position of lead-in cable)
Accuracy	$\pm (0.15 + 0.002 t)$ at °C
Accuracy class	A
Time response	$t_{0.5} <7 s$ (in flowing water at $> 0.2 m/s$ )  $t_{63} <10s$ , $t_{95} <30s$ (in liquid)  $t_{63} <60s$ , $t_{95} <150s$ (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 1.4301
Dimensions of the case	length 40 mm;  diameter $5.7 \pm 0.1 mm$
Lead-in cable	silicone shielded
Length of lead-in cable	1 meter
Connector	ELKA
IP protection	IP67
Warranty	30 months