Temperature probe Pt1000TG68/E, ELKA connector, cable 1 meter



code: SN251E

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; diameter 6 ± 0.1 mm
Lead-in cable	silicone shielded
Length of lead-in cable	1 meter
Connector	ELKA
IP protection	IP68
Warranty	30 months