Temperature probe Pt1000TG8/E, ELKA connector

code: SN104E

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

The probe is designed to measure the temperature of gaseous and liquid substances. Used type of lead-in cable has silicone insulation and shielding.

The probe is designed for universal use, the method of use must be chosen with regard to the temperature and chemical resistance of thecase and lead-in cable.

Technical data

TEMPERATURE SENSOR	
Measuring range	-50 to +200 °C -80 to +200 °C (for static position of lead-in cable)
Accuracy	± (0.15 + 0.002 t) at °C
Accuracy class	A
Time response	t0.5 <7 s (in flowing water at > 0.2 m/s) t63 <10s, t95 <30s (in liquid) t63 <60s, t95 <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 ± 0.1 mm
Lead-in cable	silicone shielded
Length of lead-in cable	1 meter
Connector	ELKA
IP protection	IP67
Warranty	30 months