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 t63<10s, t95<30s, measured in fluid. Time response t63<60s, t95<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	± (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