Ultra thin temperature probe Pt1000TG3/E, ELKA connector



code: SN252E

Probes are designed for contact measurement of the temperature of gaseous and liquid or solid substances.
Ultra thin 3 mm diameter of the case ensures fast response to changes in temperature. Used type of lead-in cable has teflon insulation with shielding. The sensors are designed for universal use.
The method of use must be chosen with regard to the temperature and chemical resistance of the case and lead-in cable. The sensors are also designed for use in a chemically non-aggressive environment.

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 to 3 s t0.9 to 9 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 3 mm
Lead-in cable	teflon shielded (white color)
Length of lead-in cable	1 meter
Connector	ELKA
IP protection	IP67
Warranty	30 months