Temperature probe Pt1000TG7/E, ELKA connector



code: SN164E

Temperature probes Pt1000TG7 are designed to measure the surface temperature of solid substances.
The maximum temperature range of use of the sensors is -50 to +200 °C and these limits must not be exceeded even for a brief period.
Used type of lead-in cable has silicone insulation and shielding. The structure of the sensors enables fast response to changes in temperature. The sensors are mounted to the surface using one or two M4 screws.

The sensors are designed for use in a chemically non-aggressive environment. The method of use must be chosen with regard to the temperature and chemical resistance of the case and lead-in 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 <10 s (on flat surface of Al prism without paste)
Type of sensing element	Pt1000
Temperature coefficient	3850 ppm / °C
GENERAL TECHNICAL DATA	
Wire connection	2-wire connection
Material of the case	brass
Dimensions of the case	height 6 ± 0.1 mm; diameter 19.5 ± 0.1 mm; mounting holes diameter 4.3 ± 0.05 mm
Lead-in cable	silicone shielded
Length of lead-in cable	1 meter
Connector	ELKA
IP protection	IP65
Warranty	30 months