Single channel thermometer Ni1000/Pt1000



code: D0211

Thermometer is designed for direct measurement and datalogging of temperature into the internal non-volatile memory.
Free PC program enables to transfer recorded data to the personal computer for consequent evaluation. LCD backlight.

Instrument is connected to the PC through included USB cable only for data trasfer from the memory. During connection with the PC no measurement and record is enabled.

Technical data

TEMPERATURE SENSOR - external probe Pt1000	
Measuring range	-200 to +500 °C
Accuracy	±0.3 °C od -50 to +100 °C; ±0.3 % from reading from +100 to +500 °C; ±0.6 % from reading from -200 do -50 °C
Resolution	0.1 °C
GENERAL TECHNICAL DATA	
Operating temperature	-30 to +65 °C
Channels	1x external temperature probe
Acoustic signalization + backlit LCD	YES
Memory	16,000 values (non-cyclic record)
Recording interval	adjustable from 10 s to 24 h
Measuring interval and display reading refresh	0.7 to 5 s
Recording mode	noncyclic - data logging stops after filling the memory cyclic - after filling memory oldest data is overwritten by new
Real time clock	year, leap year, month, day, hour, minute, second
Power	battery 9 V or 12 Vss adaptor with NiMH 9 V battery
Battery life	approx. 6 months
Protection class	IP20
Dimensions (without connectors)	141 x 71 x 27 mm
Weight (including batteries)	approx. 150 g
Warranty	3 years