D0221 Dual channel thermometer Ni1000/Pt1000

code: D0221
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.
Included in delivery:
• Traceable calibration certificate
• 9V battery
• Instruction manual
• Plastic transport case
• Connector for external ac/dc adapter
• mini USB cable
• Self adhesive Dual Lock for easy installation
• Free basic Windows software is ready to download at folder Download

Technical Data

Technical parameters	Value
Measured Value	Temperature
Construction Type	For External Temperature Probes
Temperature Measuring Range	-200 to 500 °C
Data Logging Function	Yes
Operating temperature range	-30 to +65°C
Temperature input	RTD Pt1000-3850ppm; -200 to +500°C RTD Ni1000/6180ppm; -50 to +250°C
Accuracy of Pt1000 input without external probe	±0.3°C from -50 to +100°C ±0.3% from reading from +100 to 500°C ±0.6% from reading from -200 to -50°C

Accuracy of Ni1000 input without external probe	±0.2°C from -50 to +100°C ±0.2% from reading from +100 to +250°C
Power	battery 9V
Battery life	6 months typically
Real time clock	year, leap year, month, day, hour, minute, second
PC interface	USB
Sampling interval in data logging mode	10s to 24hours (18 adjustable intervals)
Total memory capacity	up to 16000 recorded values
Data logging modes	noncyclic - data logging stops after filling the memory cyclic - after filling memory oldest data is overwritten by new
Dimensions	141 x 71 x 27 mm
IP protection	IP20
Weight including battery	approximately 150 g
Warranty	3 years