# 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

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|---|---|
| TEMPERATURE SENSOR - external probe Pt1000 | |
| Measuring range | -200 to +500 °C |
| Accuracy | ±0.3 °C od -50 to +100 °C;<br>±0.3 % from reading from +100 to +500 °C;<br>±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<br>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 |