# Temperature data logger for two external Pt1000 probes

code: U0121



Datalogger is designed to record temperature from two external Pt1000 probes.

The recording is performed in a non-volatile electronic memory. The data can be transferred to a PC via USB-C.
In case of exceeded set limits alarms are indicated by LED, LCD and acoustically by built-in beeper.

The device **includes Traceable calibration certificate** with declared metrological traceability of etalons is based on requirements of **EN ISO/IEC 17025 standard.**

## Technical data

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|---|---|
| TEMPERATURE SENSOR - external probe Pt1000 | |
| Measuring range | -200 to +260 °C |
| Accuracy | ±0.2 °C in a range of (-200 to +100) °C<br> ±0.2 % of the measurement value in a range of (+100 to +260) °C |
| Resolution | 0.1 °C |
| Response time t90 of temperature measurement (temperature step 20°C, air flow approximately 1m/s) | according to the connected probe |
| GENERAL TECHNICAL DATA | |
| Operating temperature | -30 to +70 °C |
| Channels | 2x external temperature probe |
| Memory | 500,000 values in noncyclic logging mode; 350,000 values in cyclic record mode |
| Recording interval | adjustable from 1 s to 24 h |
| Display and alarm refresh | adjustable 1 s, 10 s, 1 min |
| 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 | Lithium battery 3.6 V, size AA |
| Protection class | IP67 |
| Dimensions | 61 x 93 x 32 mm |
| Weight (including batteries) | approx. 130 g |
| Warranty | 3 years |