

## Temperature data logger for one external Pt1000 probe

code: U0111



Datalogger is designed to record temperature from one external Pt1000 probe.

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

|   |  |
|---|--|
| TEMPERATURE SENSOR - external probe Pt1000  |  |
| Measuring range   | -90 to +260 °C   |
| Accuracy  | ±0.2°C; ±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  | 1x 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  |