# Datalogging Thermometer

code: R0110

Temperature datalogger is designed for record of temperature. Values are stored to a non volatile electronic memory. Data transfer to the personal computer for further analysis is performed via USB, RS232 or GSM.
The device **includes Traceable calibration certificate** with declared metrological traceability of etalons is based on requirements of **EN ISO/IEC 17025 standard**.

For communication with the PC must be from Optional accessories ordered USB adapter or COM adapter or start/stop magnet if is needed to control logging the other way than directly from computer.

## Technical data

| | |
|---|---|
| TEMPERATURE SENSOR | |
| Measuring range | -40 to +80 °C |
| Accuracy | ±0.4 °C |
| Resolution | 0.1 °C |
| GENERAL TECHNICAL DATA | |
| Operating temperature | -40 to +80 °C |
| Channels | internal temperature sensor |
| Memory | 32,000 values (non-cyclic record) |
| Recording interval | adjustable from 10 s to 24 h |
| Display and alarm refresh | each 10 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 | lithium battery 3.6 V; size AA |
| Battery life | 7 years |
| Protection class | IP67 |
| Dimensions | 93 x 64 x 27 mm |
| Weight (including batteries) | approx. 100 g |
| Warranty | 3 years |