

Datalogging Thermometer

code: R0110E



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, GSM or Ethernet interface by means of a proper adapter.

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

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|------------------------------|--|
| TEMPERATURE SENSOR | |
| Measuring range | -30 to +70 °C |
| Accuracy | $\pm 0.6^{\circ}\text{C}$ (-30 to +30 °C); $\pm 0.8^{\circ}\text{C}$ (+30 to +70 °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 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 |