

## Datalogger - thermometer with display

code: S0110E



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

|                              |  |
|------------------------------|--|
| TEMPERATURE SENSOR           |  |
| Measuring range              | -30 to +70 °C  |
| Accuracy                     | ±0.6 °C (-30 to +30 °C);<br>±0.8 °C (+30 to +70 °C)  |
| Resolution                   | 0.1 °C   |
| GENERAL TECHNICAL DATA       |  |
| Operating temperature        | -30 to +70 °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                 | 6 years  |
| Protection class             | IP67   |
| Dimensions                   | 93 x 64 x 29 mm  |
| Weight (including batteries) | approx. 110 g  |
| Warranty                     | 3 years  |