

## Data logger for 2 voltage inputs 0-10V and 2 external temperature probes

code: U0541



Datalogger is designed to record 2 voltage inputs and 2 temperature inputs Pt1000.

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.

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

### Technical data

|  |  |
|--|--|
| <b>VOLTAGE INPUT</b>                             |  |
| Measuring range                                  | 0 to 10 V DC   |
| Accuracy   | ±10 mV   |
| Input resistance                                 | approx. 130 kΩ   |
| <b>TEMPERATURE INPUT - external probe Pt1000</b> |  |
| Measuring range                                  | -90 to +260°C  |
| Accuracy   | ±0.2°C; ±0.2 % from reading from +100 to +260 °C   |
| Resolution                                       | 0.1°C  |
| <b>GENERAL TECHNICAL DATA</b>                    |  |
| Operating temperature                            | -20 to +60 °C  |
| Channels   | 2x voltage input, 2x temperature input Pt1000  |
| 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 3.6V, size AA  |
| Protection class                                 | IP20   |
| Dimensions                                       | 61 x 93 x 32 mm  |
| Weight (including batteries)                     | approx. 120 g  |
| Warranty   | 3 years  |