

## Datalogger for external CO<sub>2</sub> probe up to 10.000 ppm with built-in atmospheric pressure sensor

code: U2422



Battery powered datalogger with internal atmospheric pressure sensor and for external CO<sub>2</sub> probe up to [10.000ppm](#). In case of exceeded set limits alarms are indicated by LED, LCD and acoustically by built-in beeper.

The recording is performed in a non-volatile electronic memory. The data can be transferred to a PC via USB-C.

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

### Données techniques

|                                             |                                                                                                                            |
|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| CO <sub>2</sub> SENSOR                      |                                                                                                                            |
| Measuring range                             | 0 to 10 000 ppm                                                                                                            |
| Accuracy                                    | 100 ppm + 5% of the measured value at 23 °C a 1 013 hPa                                                                    |
| Resolution                                  | 1 ppm                                                                                                                      |
| External probe cable length CO <sub>2</sub> | 1, 2 or 4 meters                                                                                                           |
| ATMOSPHERIC PRESSURE SENSOR SENSOR          |                                                                                                                            |
| Measuring range                             | 0 to 2000 ppm                                                                                                              |
| Accuracy                                    | ±(50ppm +2% from reading) at 25°C and 1013hPa                                                                              |
| Resolution                                  | 1 ppm                                                                                                                      |
| GENERAL TECHNICAL DATA                      |                                                                                                                            |
| Operating temperature                       | -20 to +60 °C                                                                                                              |
| Channels                                    | internal sensor for atmospheric pressure and CO <sub>2</sub> sensor with the cable                                         |
| Memory                                      | 500,000 values in noncyclic logging mode; 350,000 values in cyclic record mode                                             |
| Recording interval                          | adjustable from 10 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                                       | Li-Ion battery A8200, 3.6V/5200mAh                                                                                         |
| Protection class                            | IP54                                                                                                                       |
| Dimensions                                  | 61 x 93 x 53 mm                                                                                                            |
| Weight (including batteries)                | approx. 260 g                                                                                                              |
| Warranty                                    | 3 years                                                                                                                    |