

# Temperature and humidity data logger for external probe

□□: U3121



Data logger is designed to record temperature and humidity from external probe.  
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.

The temperature and humidity probe is not included in delivery, probe of the appropriate length and design you can choose in optional accessories.

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

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|   |  |
|---|--|
| TEMPERATURE SENSOR  |  |
| Measuring range   | according to the connected probe Digi/E  |
| Accuracy  | according to the connected probe Digi/E  |
| Resolution  | 0.1 °C   |
| Response time t90 of temperature measurement (temperature step 20°C, air flow approximately 1m/s) | 8 min  |
| HUMIDITY SENSOR   |  |
| Measuring range   | according to the connected probe Digi/E  |
| Accuracy  | according to the connected probe Digi/E  |
| Resolution  | 0.1% RH  |
| DEW POINT   |  |
| Measuring range   | according to the connected probe Digi/E  |
| Accuracy  | according to the connected probe Digi/E  |
| Resolution  | 0.1 °C   |
| GENERAL TECHNICAL DATA  |  |
| Operating temperature   | -20 to +60 °C  |
| Channels  | 1x connectable temperature+humidity probe  |
| 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 3.6 V, size AA |
| Protection class             | IP67                           |
| Dimensions                   | 61 x 93 x 32 mm                |
| Weight (including batteries) | approx. 120 g                  |
| Warranty                     | 3 years                        |