Temperature and humidity data logger for external probe

code: 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.**

Technical data

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 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