

Temperature and humidity data logger with connector for another temperature probe

code: U3631



Datalogger is designed to record temperature and humidity from built-in sensors and from one external temperature probe 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

-30 to +70 °C
±0.4 °C
0.1 °C
-90 to +260 °C
± 0.2 °C (-50 to +100 °C); ± 0.2 % from reading from +100 to +260 °C; ± 0.4 % from reading from -90 to -50 °C
0.1 °C
0 to 100 % RH
± 1.8 % RH
0.1% RH
-60 to +70 °C
± 1.5 °C at ambient temperature T <25 °C and RH >30 %
0.1 °C
-30 to +70 °C
internal temperature and humidity sensor, 1x external temperature probe
500,000 values in noncyclic logging mode; 350,000 values in cyclic record mode
adjustable from 1 s to 24 h
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 3.6V, size AA
Protection class	IP67 electronics; IP30 sensors
Dimensions	61 x 93 x 32 mm
Weight (including batteries)	approx. 120 g
Warranty	3 years