Temperature data logger with built-in sensor

code: U0110



Datalogger is designed for temperature recording.

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 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	-30 to +70 °C
Accuracy	±0.4 °C
Resolution	0.1 °C
Response time t90 of temperature measurement (temperature step 20°C, air flow approximately 1m/s)	15 min
GENERAL TECHNICAL DATA	
Operating temperature	-30 to +70 °C
Channels	internal temperature sensor
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