Dual channel temperature data logger for one external Pt1000 probe with internal temperature sensor

code: U0122

Datalogger is designed to record temperature from one external Pt1000 probe and internal temperature sensor.
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
TEMPERATURE SENSOR - external probe Pt1000	
Measuring range	-90 to +260 °C
Accuracy	±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
Resolution	0.1 °C
GENERAL TECHNICAL DATA	
Operating temperature	-30 to +70 °C
Channels	internal temperature + 1x external temperature probe
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 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