Data logger for 2 voltage inputs 0-10V and 2 external temperature probes

code: U0541



Datalogger is designed to record 2 voltage inputs and 2 temperature inputs 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

VOLTAGE INPUT	
Measuring range	0 to 10 V DC
Accuracy	±10 mV
Input resistance	approx. 130 kΩ
TEMPERATURE INPUT - external probe Pt1000	
Measuring range	-200 to +260 °C
Accuracy	±0.2°C; ±0.2 % from reading from +100 to +260 °C
Resolution	0.1°C
GENERAL TECHNICAL DATA	
Operating temperature	-20 to +60 °C
Channels	2x voltage input, 2x temperature input Pt1000
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 3.6V, size AA
Protection class	IP20
Dimensions	61 x 93 x 32 mm
Weight (including batteries)	approx. 120 g
Warranty	3 years