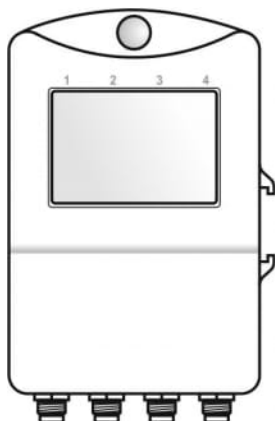


## Thermometer for 2 external probes + 2x 0-5V inputs with display

code: S0541



Thermometer is designed for record of temperature. Values are stored to a non volatile electronic memory. Data transfer to the personal computer for further analysis is performed via USB, RS232, GSM or Ethernet interface by means of a proper adapter.

The device **includes Traceable calibration certificate** with declared metrological traceability of etalons is based on requirements of **EN ISO/IEC 17025 standard**.

For communication with the PC must be from Optional accessories ordered [USB adapter](#), [LAN adapter](#) or [COM adapter](#) or [start/stop magnet](#) if is needed to control logging the other way than directly from computer.

### Technical data

Operating temperature range	-30 to +70°C
Accuracy of temperature input without probe	$\pm 0.2^{\circ}\text{C}$ from -50 do +100°C $\pm 0.2\%$ from reading from +100 to +260°C $\pm 0.4\%$ from reading from -90 to -50°C
Resolution of the reading	0.1°C
Accuracy of 0-5Vdc inputs	$\pm 0.2\%$ FS
Real time clock	year, leap year, month, day, hour, minute, second
Data logging interval	adjustable from 10s to 24h
Display and alarm refresh	each 10 s
Total memory capacity	32000 temperature values in noncyclic logging mode
Data logging mode	noncyclic - data logging stops after filling the memory cyclic - after filling memory oldest data is overwritten by new
Dimensions	93x64x29mm
Power	Lithium battery 3,6V, size AA
Typical battery life	5 years
Battery life in continuous on-line mode with interval 1 minute	reduced to 70% of the above life
Battery life in continuous on-line mode with interval 10 second	1 year
IP protection	IP67 - protected against influence of temporary immersion into water
Weight including battery	130g
Warranty	3 years