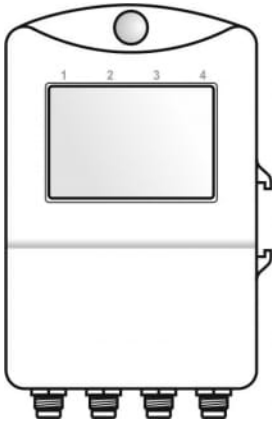


## Thermometer for 2 external probes + 2x 0-5V inputs with display

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                     | ±0.2°C from -50 do +100°C<br>±0.2% from reading from +100 to +260°C<br>±0.4% from reading from -90 to -50°C                |
| Resolution of the reading                                       | 0.1°C  |
| Accuracy of 0-5Vdc inputs                                       | ±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<br>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  |