

Data sheet:

Web Thermometer, professional, 10BT, 5V



Article no.: 57102

This article has been replaced by the expanded successor model [Web Thermometer Pt100/Pt1000, #57725](#).

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Monitor temperatures with a browser

Example application: <http://klima.wut.de>

Properties

General information

- **Monitor temperatures and trends from a browser**
 - Layout of the HTML page can be customized by the user
 - Direct access to current temperature value, e.g., for integration into other Web pages
- **E-mail for alarm or reporting functions**
- **Modbus for integration into visualisation centers (coming soon)**
- **SNMP for integration into network management (coming soon)**
- **Adapters:**
 - 10BT Ethernet
 - includes NTC thermocouple
 - Professional version with Pt-100 input additionally
- **Plug-and-play:**
 - Install thermocouple
 - Assign IP number
 - connect Web Thermometer to network
 - That's it!

Technical data

Measuring unit:

Temperature sensor:	NTC 10k, PT100-connection, 2-,3- or 4-wire
Measuring range:	-45°C...75°C
Resolution:	1/10 °C
Measuring error:	±0,3°C, ±5% (NTC) ±0,3°C, ±2% (PT100)
Storage frequency:	5 min
Memory depth:	7 weeks

Other data:

Galvanic isolation:	Measurement inputs to network: min. 500 volts
E-mail function:	Mail for sending alarms or as reporting function
Supply voltage:	stab. 5V DC +/-5%
Current consumption:	typically 270 mA, max. 330 mA
Power supply:	Plug-in power adapter included Input: 230V / 50 Hz Output: stabilized 5V
Configuration interface:	RS232 serial port, 9600 baud, 8 data bits, 1 stop bit, no parity
Housing:	Plastic compact housing, 105x75x22mm
Weight:	approx. 200g
Ambient storage temperature:	-40..+70°C

Ambient operating temperature: 0 .. +60°C
Scope of delivery: 1x Web Thermometer for top-hat rail mount
1x NTC thermocouple
1x plug-in power adapter



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