

Data sheet:

## Web Thermometer, standard, 10BT, 5V



Article no.: 57101

This article has been replaced by the expanded successor model [Web Thermometer Pt100/Pt1000, #57715](#).

### 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!

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### Technical data

#### Measuring unit:

|                     |  |
|---------------------|--|
| Temperature sensor: | NTC 10k                                  |
| 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:       | 2 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



[We are available to you in person:](#)

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