

Data sheet:

Web-Thermograph NTC



Article no.: 57609

This article has been
replaced by the expanded
successor model [Web
Thermometer NTC](#).

Monitor and graphically display temperatures

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

Properties

General information

- NEW! Self-updating characteristic curve



- Freely selectable line color
- Freely selectable display size
- Extreme value or current value display
- Various scales displayed
- Automatic or manual scaling

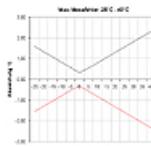
- Monitor temperatures and trends from a browser
 - HTML page design user-variable
 - Direct access to current temperature value, e.g., for integration into other Web pages
- SNMP temperature polling /Alarm traps for incorporating into your existing SNMP management system
- A new measurement is available every 4 seconds!
- E-mail for alarm or reporting functions
- Time synchronization via time server calibration
- Adapters:
 - 10/100MBit
 - NTC temperature probe
- Easy Start:
 - Connect sensor and network cable
 - Connect supply voltage
 - Assign IP number
 - That's it!
- Application examples:
 - Monitor temperatures in the server room, network cabinet or office
 - Direct display of multiple measuring points in the browser via Java applet
 - Send alarms when limits are exceeded via e-mail, SNMP trap, TCP client, Syslog
 - Logging of the measured values via FTP, Excel file, e-mail attachment, internal memory
- Software interfaces
 - HTTP, Web browser
 - AJAX, JavaScript and Java applet

- TCP and UDP sockets, client and server
 - OPC server
 - SMTP (e-mail)
 - SNMP (including trap)
 - SYSLOG
 - FTP (data logging)
 - **Green IT:** Monitor efficiency of the server room climate control
 - **Conforms to standards both in office and industrial environments:**
 - High noise resistance per EN 61000-6-2
 - Low noise emission per EN 55032:2015 + A1 Cl. B, EN 61000-3-2 & EN 61000-3-3
 - **5 year guarantee**
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Technical data

Temperature sensor: NTC connection
 Network: 10 / 100BaseT autosensing
 IPv6 on request
 Supply voltage: 12-24V AC / DC using screw terminal

Measuring unit

Sensor: NTC 10k
 Measuring range: -45°C...75°C
 Resolution: 1/10°C
 Maximum measuring error: ±0.3°C, ±5.1%
 (measuring unit + sensor)

 Storage frequency: 1, 5, 15, 60 min
 Memory depth (832k): min. 14 weeks, max. 16 years
 Deviation of the internal clock: max. 4.32 min. / month (without time server calibration)
 max. 3 sec. (with time server calibration)

Other data

Measuring frequency: 4 seconds
 Galvanic isolation: Measurement inputs to network: min. 500 volts
 E-mail function: Mail for sending alarms or as reporting function
 Supply voltage: DC 12V .. 48V (+/-10%)
 AC 9Veff (-5%) - 24Veff (+5%)
 Current consumption: AVG: 200mA @12VDC, 100mA @24VDC, 100mA @20VAC
 Max: 240mA @12VDC
 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-Thermograph NTC for top-hat rail mount
 1x NTC temperature probe

Please order power supplies separately as accessories

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

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