

Topic:

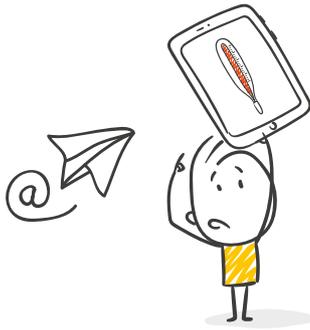
All topics

Temperature monitoring

in the server room and computing room

High temperatures in the server room result in system failures. They also shorten life expectancy of servers and uninterruptible power supplies (UPS). For example, lead acid batteries lose half of their operating hours if they are used at just 8°C over the recommended temperature range. Relative humidity is also critical. If it is too high, the result is corrosion, and if it is too low, this can lead to electrostatic discharge.

Web Thermometers monitor temperature and relative humidity in your computer centre or server room. When limits are exceeded alarms are triggered which inform the responsible persons for example via email and use switching outputs to introduce responses, such as turning on additional cooling equipment.



Climate recommendation for server rooms and computing centers

The guidelines published by the American Society of Heating, Refrigeration and Air-Condition Engineers (ASHRAE) recommend the following:

Recommended temperature

18°C to 27°C

Recommended relative humidity

40% to 60% RH

Tutorials

Read temperature directly in the browser

- Configure your Web Thermometer and get started immediately
- More: Inserting the data into other platforms

Keep an eye on temperatures with email notifications

- Setting up the mail server
- Creating individual trigger conditions

Sending limit value alarms and information messages via TCP client

- Receiving alarm messages with your own TCP server applications

More on the topic

Insert temperature data into communication platforms

Tutorial on the W&T rule.box: Inserting temperature data into the "Slack" platform

Air quality assessment

Volatile Organic Compounds: What are VOC and where do they come from?

Products



Web Thermometer Relay

Detect and bring temperature values into the network and switch digital relay outputs.



Web Thermometer 8x Pt100/Pt1000

Display multiple measuring points



Other models

for measuring temperature, relative humidity etc.



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We are available to you in person:

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