



- **Internal data logger**
  - Memory capacity: min. 16 weeks, max. 20 years
  - Save frequency: 15, 30 sec, 1, 5, 15, 60 min
- **Document measurement data online in the [W&T Cloud](#) and access** from anywhere in the world
- **Internal clock**
  - Time synchronization using time server calibration
  - Battery-backed device clock

## Standards & more

- optional: **ISO factory calibration** per DIN EN ISO/IEC 17025
  - with calibration certificate for verified documentation of the measured value deviations
  - Valid for 12 months
- optional: **DAkKS/DKD calibration** per DIN EN ISO/IEC 17025
  - with calibration certificate for verified traceability to national standards
  - Valid for 12 months
- **Supply voltage via Power-over-Ethernet (PoE)**
  - Phantom power using data pairs
  - Power over unused wire pairs
  - External power supply is an alternative
- **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**

Wish for something!

[Your suggestions for improvement and additions](#)

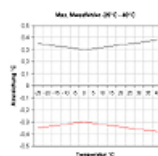
## Technical data

### Connections:

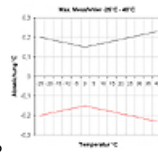
Temperature sensor:	1x Pt100/Pt1000 measuring input Cable length for W&T probe: 2m (can be extended as needed) Enclosure rating: IP67
Digital output:	Semiconductor relay
Relay output:	8-pin terminal block Conductor cross-section 0.2-1.3mm <sup>2</sup> Stripped length 6-8mm
Network:	10/100BaseT Autosensing/Auto-MDIX RJ45 <a href="#">IPv6 on request</a>
Galvanic isolation:	Network connection min. 1500 V
Supply voltage:	Power-over-Ethernet (PoE) or DC 12V .. 48V (+/-10%)
Current consumption:	PoE Class 1 (0.44 - 3.84W) typ. 70mA @ 24V DC with external supply

### Measuring unit:

Sensor:	Pt100/Pt1000 connection, 2-, 3- or 4-wire
Measuring range:	W&T sensor: -50°C...180°C PT100/PT1000 measuring input: -200°C...650°C
Resolution:	1/10°C
Measuring error:	



Measuring unit  $\pm 0.3^\circ\text{C}$ ,  $\pm 0.2\%$



$\pm 0.15^{\circ}\text{C}$ ,  $\pm 0.2\%$

#### PT100/1000 Sensor Class A

- Storage frequency: 15, 30 sec., 1, 5, 15, 60 min
- Memory depth (6MB): min. 16 weeks, max. 20 years
- Deviation of the internal clock: max. 1 min. / month
- Measuring frequency: 4 seconds

#### Semiconductor relay output

- Digital output: 1 potential-free contact, semiconductor relay
- max. switching current: typ. 300mA AC/DC (peak 500mA)
- max. switching voltage: 39V AC/DC
- max. switching capacity: 11.7W AC/DC

#### Housing and other data:

- Housing: Plastic compact housing for top-hat rail mount  
105x22x75mm (LxWxH)
- Enclosure rating: IP20
- Weight: approx. 200g
- Ambient storage temperature: -40..+70°C
- Ambient operating temperature: 0 .. +60°C
- Scope of delivery: 1x Web-Thermometer Relay for DIN rail mounting  
1x Pt100 sensor, 2m, IP67  
1x Quick Guide

#### Accessories

\*Net unit price for commercial users

#### Power supplies

- Plug-in power supply, 24V / 500mA DC with Euro plug 11021 21.00€
- Plug-in Power Supply, 24V / 750mA DC with Euro, US and UK plug 11026 38.00€
- Power supply for DIN rail, 24V / 630mA DC (merchandise, 2-year manufacturer's guarantee) 11080 33.00€

#### Storage and Visualization

- Motherbox 3 50504 328.00€

#### Measuring - Accessories

- Pt-100 external probe, class B, 4-wire, IP65 housing (This outdoor sensor cannot be calibrated) 57014 54.00€
- ISO factory calibration, 1x 3 temperature points for complete device with calibration certificate, valid for 12 months Delivery time approx. 10-14 days (This article cannot be ordered as a sample.) 57013 218.00€
- Accredited DAkkS/DKD calibration, 1x 3 temperature points for complete device with calibration certificate, valid for 12 months Delivery time approx. 10-14 days (This article cannot be ordered as a sample.) 57029 328.00€

#### Further accessories

230V coupling relay - 1 x changeover for DIN rail mount	57015	22.00€
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230V coupling relay - 2 x changeover for DIN rail mount	57016	22.00€
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### **Mechanical Accessories**

Mounting bracket for wall mounting	58812	11.20€
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19" DIN rail	58813	21.00€
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### **Supplementary network products**

Ethernet Switch Gigabit Industry, 4 Ports	55614	148.00€
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### **Software**

WuTility	00104	free
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OPC Server	00103	free
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Sensobase®	00107	free
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Web-IO2Go (app for iOS)	57700	free
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\* Our offering is intended only for commercial users. We will be happy to refer private end customers to trading partners through whom our products can be purchased.

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We are available to you in person:

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