# Web sensor - remote thermometer hygrometer with Ethernet interface, cable 2 meters



code: T3511-2

Ambient temperature, relative humidity t-line Web sensor. Remote alarm.

Web Sensor with relative humidity and temperature probe. The device is supplied with T+RH probe on the cable.

High precision capacitive polymer sensor ensures excellent long term calibration stability and ultimate accuracy. Dual line LCD is an advantage. Measured values are also converted to other humidity interpretation: dew point temperature, absolute humidity, specific humidity, mixing ratio and specific enthalpy.

The device is supplied with T+RH probe with 2 meters cable.

**With a newly purchased WebSensor with Ethernet communication, you receive 3 months of COMET Cloud. for free; a full year of operation in COMET Cloud. then requires 1 credit.**

## Technical data

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|---|---|
| TEMPERATURE SENSOR | |
| Measuring range | -30 to +105 °C |
| Accuracy | ±0.4 °C |
| Resolution | 0.1 °C |
| HUMIDITY SENSOR | |
| Measuring range | 0 to 100 % RH |
| Accuracy | ±2.5 % RH from 5 to 95 % at 23 °C |
| Resolution | 0.1% RH |
| DEW POINT | |
| Measuring range | -60 to +80 °C |
| Accuracy | ±1.5 °C at ambient temperature T <25 °C and RH >30 % |
| Resolution | 0.1 °C |
| GENERAL TECHNICAL DATA | |
| Operating temperature | -30 to +80 °C |
| Channels | 1x connectable temperature+humidity probe |
| Counted values | dew point, absolute humidity, specific humidity, mixing ratio, specific enthalpy |
| Output | Ethernet |
| Range of humidity sensor temperature compensation | all temperature range |
| Measuring interval | 2 s |
| Available temperature units | degrees Celsius, degrees Fahrenheit |
| Communication protocol | WWW, ModbusTCP, SNMPv1, SOAP, XML |
| Alarm protocols | E-mail, SNMP Trap, Syslog |
| Power | 9-30 Vdc |

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|---|---|
| Protection class | IP30 electronics; IP40 sensors |
| Dimensions | 88,5 x 93 x 39,5 mm; length/diameter of external probe 88/18 mm |
| External probe cable length | 2 meters |
| Weight | approx. 210 g |
| Warranty | 3 years |