# Web Sensor with PoE - remote thermometer hygrometer with Ethernet interface, cable 4 meters



code: T3611-4

Ambient temperature, relative humidity t-line Web sensor with Power over Ethernet feature. Remote alarm.
PoE Web Sensor with relative humidity and temperature probe on the cable.

High precision capacitive polymer sensor ensures excellent long term calibration stability and ultimate accuracy. Dual line LCD is an advantage. Power over Ethernet feature according IEEE 802.3af is supported. 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 4 meters cable.

**Processing and analysis of measured data:**

- online in COMET Cloud
- COMET Database software
- integration into 3-party systems

**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 | -20 to +60 °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 |

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| Communication protocol | WWW, ModbusTCP, SNMPv1, SOAP, XML |
| Alarm protocols | E-mail, SNMP Trap, Syslog |
| Power | Power over Ethernet according to IEEE 802.3af or 5Vdc |
| Protection class | IP30 electronics; IP40 sensors |
| Dimensions | 136 x 159 x 45 mm; stem length 75 mm |
| External probe cable length | 4 meters |
| Weight | approx. 320 g |
| Warranty | 3 years |