# Web Sensor with PoE, duct mount - remote thermometer hygrometer barometer with Ethernet interface



code: T7613D

Ambient temperature, relative humidity, atmospheric pressure t-line Web sensor with Power over Ethernet feature. Remote alarm. Duct mount.
PoE Web Sensor with built-in temperature, relative humidity and atmospheric pressure sensors.

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.

**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 | ±0.6 °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 |
| ATMOSPHERIC PRESSURE SENSOR SENSOR | |
| Measuring range | 600 to 1100 hPa |
| Accuracy | ±1.3 hPa at 23 °C from 800 to 1100 hPa |
| Resolution | 0.1 hPa |
| GENERAL TECHNICAL DATA | |
| Operating temperature | -20 to +60 °C |
| Channels | internal sensor of temperature, humidity sensor and atmospheric pressure |
| Counted values | dew point, absolute humidity, specific humidity, mixing ratio, specific enthalpy |

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| Output | Ethernet |
| Range of humidity sensor temperature compensation | all temperature range |
| Measuring interval | 2 s |
| Available temperature units | degrees Celsius, degrees Fahrenheit |
| Available pressure units | hPa, kPa, mbar, mmHg, inHg, inH2O, PSI, oz/in2 |
| 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 |
| Dimensions | 136 x 201 x 45 mm; stem length 150 mm |
| Weight | approx. 320 g |
| Warranty | 3 years |