# WebSensor with PoE - remote CO2 concentration with Ethernet interface



code: T5641

CO2 - carbon dioxide t-line Web sensor. Remote alarm.
CO2 Web Sensor with PoE function.

A multiple point $CO_2$ and temperature adjustment procedure leads to excellent $CO_2$ measurement accuracy over the entire temperature working range; this is a must for process control and outdoor applications. The dual wavelength NDIR $CO_2$ sensing procedure compensates automatically for ageing effects. The CO2 module is highly resistant to pollution and offers maintenance free operation and outstanding long term stability.

The CO2 concentration is shown on the display or signaled by a color LED.

The device is supplied with CO2 probe with 1m cable. Cable lengths 2 or 4 meters available optionally.

**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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| CO2 SENSOR | |
| Measuring range | 0 to 10 000 ppm |
| Accuracy | ±(100ppm +5% from reading) at 25°C and 1013hPa |
| Resolution | 1 ppm |
| GENERAL TECHNICAL DATA | |
| Operating temperature | -20 to +60 °C |
| Channels | 1x external CO<sub>2</sub> sensor |
| Output | Ethernet |
| Measuring interval | 15 s |
| 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; IP65 sensors |
| Dimensions | 136 x 117 x 45 mm |
| External probe cable length CO2 | 1 meter (optionally 2 or 4 meters) |
| Weight | approx. 380 g |

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| Warranty | 3 years |