# WebSensor - remote CO2 concentration with Ethernet interface

code: T5540

CO2 - carbon dioxide t-line Web sensor. Remote alarm.

Web Sensor with built-in concentration $CO_2$ sensor.

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.

**Processing and analysis of measured data:**

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

Optional CO₂ measuring range extension from the standard 0 to 5,000 ppm up to 0 to 10,000 ppm (available at extra cost):

* **Extended measuring range:** 0 to 10 000 ppm
* **Accuracy in extended range:** 100 ppm + 5% of the measured value at 25 °C and 1013 hPa

## Technical data

| CO2 SENSOR | |
|---|---|
| Measuring range | 0 to 5000 ppm |
| Accuracy | ±(50ppm +3% from reading) at 25°C and 1013hPa |
| Resolution | 1 ppm |
| GENERAL TECHNICAL DATA | |
| Operating temperature | -30 to +60 °C |
| Channels | internal 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 | 9-30 Vdc |
| Protection class | IP30 |
| Dimensions | 88,5 x 72,5 x 39,5 mm |
| Weight | approx. 140 g |
| Warranty | 3 years |