

WebSensor - remote CO2 concentration with Ethernet interface, duct mount



code: T5545

Duct mount CO2 concentration t-line WebSensor. Web Sensor with built-in concentration CO₂ sensor for duct mount.

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 <u>COMET Cloud</u>
- COMET Database software
- integration into 3-party systems

Extended measuring range available for an additional charge

- Measuring range: 0 to 10 000 ppm
- Accuracy: 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 ₂ 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 electronics; IP20 sesors |
| Dimensions | 89 x 73 x 240 mm; stem length 130 mm |
| Weight | approx. 260 g |
| Warranty | 3 years |