

WebSensor - remote CO₂ concentration with Ethernet interface

code: T5540

CO₂ - carbon dioxide t-line Web sensor. Remote alarm.
Web Sensor with built-in concentration CO₂ sensor.



A multiple point CO₂ and temperature adjustment procedure leads to excellent CO₂ measurement accuracy over the entire temperature working range; this is a must for process control and outdoor applications. The dual wavelength NDIR CO₂ 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](#)

Possibility to [extend the measuring range](#) 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

CO ₂ 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
Dimensions	88,5 x 72,5 x 39,5 mm
Weight	approx. 140 g

Warranty	3 years
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