

# 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<sub>2</sub> and temperature adjustment procedure leads to excellent CO<sub>2</sub> measurement accuracy over the entire temperature working range; this is a must for process control and outdoor applications. The dual wavelength NDIR CO<sub>2</sub> sensing procedure compensates automatically for ageing effects. The CO<sub>2</sub> module is highly resistant to pollution and offers maintenance free operation and outstanding long term stability.

The device is supplied with CO<sub>2</sub> probe with 1m cable. Cable lengths 2 or 4 meters available optionally.



**Green LED shines - CO2 concentration 0 to 1000 ppm**

**Yellow LED shines - CO2 concentration 1001 to 1200 ppm**

**Red LED shines - CO2 concentration 1201 ppm and more**

## Technical data

CO2 SENSOR	
Measuring range	0 to 10 000 ppm
Accuracy	±(110ppm +5% from reading) at 25°C and 1013hPa
Resolution	1 ppm
GENERAL TECHNICAL DATA	
Operating temperature	-30 to +80 °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
Warranty	3 years