

WebSensor - remote CO₂ concentration with Ethernet interface

code: T5541

CO₂ - carbon dioxide t-line Web sensor. Remote alarm.
Web Sensor with CO₂ probe on the cable.



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

[Easy wireless communication](#) using Web Sensor and optional [Wireless TP-LINK router](#).



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

CO ₂ 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 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; IP65 sensors
Dimensions	88,5 x 72,5 x 39,5 mm
External probe cable length CO2	1 meter (optionally 2 or 4 meters)
Weight	approx. 240 g
Warranty	3 years