

WebSensor with PoE - remote CO₂ concentration with Ethernet interface

code: T5641



CO₂ - carbon dioxide t-line Web sensor with Power over Ethernet feature. Remote alarm. CO₂ Web Sensor with PoE function.

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.

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

Processing and analysis of measured data:

- online in [COMET Cloud](#)
- [COMET Database](#) software
- [integration into 3-party systems](#)

Technical data

CO ₂ SENSOR	
Measuring range	0 to 10 000 ppm
Accuracy	±(100ppm +5% from reading) at 25°C and 1013hPa
Resolution	1 ppm
GENERAL TECHNICAL DATA	
Operating temperature	-20 to +60 °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	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 CO ₂	1 meter (optionally 2 or 4 meters)
Weight	approx. 380 g
Warranty	3 years