WebSensor - remote CO2 concentration with Ethernet interface



code: T5541

CO2 - carbon dioxide t-line Web sensor. Remote alarm.
Web Sensor with CO_2 probe on the cable.

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

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

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 CO₂ 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