

# WebSensor with PoE - remote CO<sub>2</sub> concentration with Ethernet interface

code: T5641



CO<sub>2</sub> - carbon dioxide t-line Web sensor with Power over Ethernet feature. Remote alarm.  
CO<sub>2</sub> 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 CO<sub>2</sub> concentration is shown on the display or signaled by a color LED.

The device is supplied with CO<sub>2</sub> 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 <sub>2</sub> 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 <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 CO <sub>2</sub> | 1 meter (optionally 2 or 4 meters)                    |
| Weight                                      | approx. 380 g   |
| Warranty                                    | 3 years   |