

## Remote CO<sub>2</sub> concentration with Ethernet interface and two relays

code: H5524



CO<sub>2</sub> level transmitter with two output relays.

The CO<sub>2</sub> measurement is based on a 2-source, 2-beam process. CO<sub>2</sub> measurement with long-term stability is guaranteed thanks to the proven non-dispersive infrared (NDIR) CO<sub>2</sub> measurement cell. The unique patented auto-calibration procedure compensates for aging of the infrared source and guarantees high reliability, long term stability and eliminates the need of periodical recalibration in the field.

The CO<sub>2</sub> 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](#)

### Possibility to [extend the measuring range](#) for an additional charge:

- Measuring range: 0 to 10 000 ppm
- Accuracy: 100 ppm + 5% of the measured value at 25 °C and 1013 hPa

### Technical data

|                        |  |
|------------------------|--|
| CO <sub>2</sub> SENSOR |  |
| Measuring range        | 0 to 2000 ppm  |
| Accuracy               | ±(50ppm +2% from reading) at 25°C and 1013hPa                |
| Resolution             | 1 ppm  |
| RELAY OUTPUTS          |  |
| Quantity               | 2  |
| Maximal voltage        | 50 V   |
| Maximal current        | 2 A  |
| Maximal power          | 60 VA  |
| GENERAL TECHNICAL DATA |  |
| Operating temperature  | -30 to +60 °C  |
| Channels               | internal CO <sub>2</sub> sensor                              |
| Acoustic alarm         | from built-in beeper - switchable                            |
| Output                 | Ethernet   |
| Measuring interval     | 15 s   |
| Communication protocol | WWW, ModbusTCP, SNMPv1, SOAP, XML                            |
| Alarm protocols        | E-mail (SMTP authentication is supported), SNMP Trap, Syslog |

|                  |                   |
|------------------|-------------------|
| Power            | 9-30 Vdc          |
| Protection class | IP30              |
| Dimensions       | 136 x 213 x 45 mm |
| Weight           | approx. 360 g     |
| Warranty         | 3 years           |