

## CO<sub>2</sub> concentration transmitter with 4-20 mA output, duct mount

code: T5145

Duct mount CO<sub>2</sub> concentration transmitter with 4-20 mA output.



**Green LED shines - CO<sub>2</sub> concentration 0 to 1000 ppm**

**Yellow LED shines - CO<sub>2</sub> concentration 1001 to 1200 ppm**

**Red LED shines - CO<sub>2</sub> concentration 1201 ppm and more**

[Optional CO<sub>2</sub> measuring range extension from the standard 0 to 5,000 ppm up to 0 to 10,000 ppm \(available at extra cost\):](#)

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

### Technical data

|                         |   |
|-------------------------|---|
| CO <sub>2</sub> SENSOR  |   |
| Measuring range         | 0 to 5000 ppm                                   |
| Accuracy                | ±(50ppm +3% from reading) at 25°C and 1013hPa   |
| Resolution              | 1 ppm   |
| GENERAL TECHNICAL DATA  |   |
| Operating temperature   | -30 to +60 °C                                   |
| Channels                | internal CO <sub>2</sub> sensor                 |
| Output                  | 4-20 mA   |
| Configuration of output | user adjustable from PC; measured range + value |
| Power                   | 15-30 Vdc; 24 Vac                               |
| Protection class        | IP65 electronics; IP20 sesors                   |
| Dimensions              | 89 x 73 x 240 mm; stem length 130 mm            |
| Weight                  | approx. 260 g                                   |
| Warranty                | 3 years   |