



CO₂ Sensor

Stay fresh



CO₂ Sensor



BASIC FEATURES

- CO₂ range 0 - 2,000 ppm (NDIR)
- Modbus RTU connectivity
- Autocalibration – ABC algorithm
- Light signalization (RGB LED)

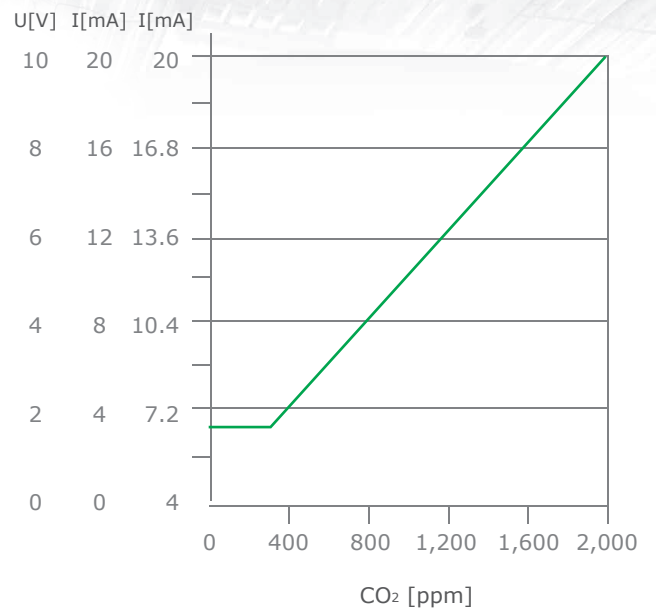
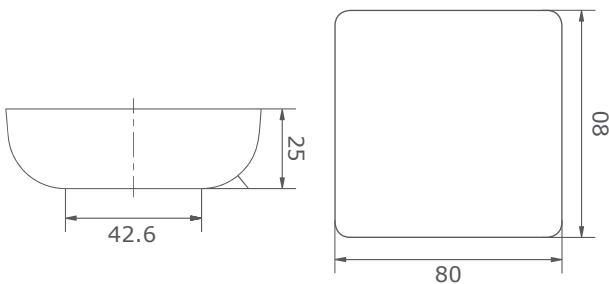
KEY TO CODING

CI-CO₂-M

Room sensor CO₂
with Modbus
RTU communication

PRIMARY PARAMETERS

| | |
|--------------------------------|----------------------------|
| Power source | 12V - 40V DC; 15V - 30V AC |
| Output voltage | 0 - 10V DC / 2V - 10V |
| Output current | 0 - 20mA / 4mA - 20mA |
| Operating range | 370 - 2,000 ppm |
| Operational temperature | +0 to +40°C |



WIRING DIAGRAMS

| | |
|----------|--------------------------------------|
| 1 | 12V – 40V DC; 15V – 30V AC (Input) |
| 2 | Modbus RTU communication (Output)* |
| 3 | Output (0-10V / 4-20mA) |
| 4 | Output offset (+2V / +4mA) |
| 5 | Output selection - voltage / current |
| 6 | LED signalization (enable/disable) |
| 7 | Modbus adress (0=120... F=135) |

* INPUT REGISTER: Adress 100 = average value PPM
Adress 101 = actual value PPM

