

## CO2 monitor with built-in carbon dioxide sensor

Termékkód: U8415

CO2 monitor - carbon dioxide level detector. Although carbon dioxide is invisible and odourless, increased CO<sub>2</sub> content in the room leads to fatigue and decreased mental concentration.



Battery powered device U8415 with external power (optional accessories) is designed to indication of CO<sub>2</sub> concentration inside buildings (schools, conference halls, hospitals, offices, cinemas, theaters etc.).

The level of CO<sub>2</sub> concentration is indicated by the device using three colors. Changes in the indicated states are also signaled acoustically - by a beep. The signaling method can be set by the user using the [COMET Vision](#) software.

The device U8415 is equipped with a maintenance-free and long-term stable NDIR sensor with dual wavelength and multi-point calibration.

Recorder **includes Traceable calibration certificate** with declared metrological traceability of etalons is based on requirements of **EN ISO/IEC 17025 standard**.

[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

### Műszaki adatok

|                                  |   |
|----------------------------------|---|
| CO2 SENSOR                       |   |
| Measuring range                  | 0 to 5000 ppm   |
| Accuracy                         | ±(50 ppm +3% from reading)                              |
| Measurement interval             | 15 s with external power supply, 2 min on battery power |
| GENERAL TECHNICAL DATA           |   |
| Operating temperature            | -20 to +60 °C   |
| Channels                         | internal CO <sub>2</sub> sensor                         |
| Power                            | Li-Ion battery A8200, 3.6V/5200mAh                      |
| Protection class                 | IP30  |
| Recommended calibration interval | 5 years   |
| Dimensions                       | 61 x 93 x 53 mm   |
| Weight                           | approx. 250 g   |
| Warranty                         | 3 years   |