# Wireless CO2 sensor up to 100,000 ppm (10%) (DLXa-CO10)





wirelessvalue

- CO2 measurement up to 10%
- External power supply
- Compatible with all Wireless Value Base Stations
- Transmission range up to 1,600 metres (clear line of sight)

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## Description

### Wireless $CO_2$ sensor with a measuring range of up to 10% $CO_2$

The Wireless Value DLXa-CO10 can read out data from an external $CO_2$ sensor and forward it via the Wireless Value Online Portal. Measurement results are transmitted wirelessly to the Base Station, where the data can be used for monitoring and analysis.

- Memory for storing 10,000 measurements
- Adjustable measurement interval
- Attractive ABS enclosure
- Suitable for wall mounting
- Existing system can easily be expanded with additional sensors
- Battery replaceable by user
- Unique network ID to avoid interference with other wireless systems

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## Specifications

### General

| | |
|---|---|
| External power supply | adapter |
| Colour | matte black |
| Model | externally powered wireless module with CO2 sensor up to 10% |
| Type | CO2 probe with 3-metre cable |
| Power supply | external |

### Measurement range

| | |
|---|---|
| Operating temperature | 5 - 45 |
| CO2 | 0-100,000 ppm |
| Operating limits | 5 - 45 |
| Signal range | 1,600 metres in clear line of sight |

### Measurement accuracy

| | |
|---|---|
| CO2 | ±(3% of measuring range + 2% of reading) |

### Legislation and standards

| | |
|---|---|
| RED (Radio Equipment Directive) | yes |
| CE | yes |
| EN 300 220 | yes |

### Technical specifications

| | |
|---|---|
| IP rating | IP65 |
| External antenna | optional |
| Memory | 10,000 values |
| Charging voltage (adapter) | 220V |
| Charging voltage | 12-24 VDC |

### Dimensions

| | |
|---|---|
| Housing dimensions | 190 (l) x 100 (w) x 43 (h) mm |
| Sensor dimensions | 25 x 90mm |
| Weight | 337 g |