Wireless CO2 climate sensor (DLCcl)

- Accurate wireless multi-detection
- Battery life of over 6 years
- Measures CO2, temperature and relative humidity
- Compatible with all Wireless Value Base Stations
- Transmission range up to 1,600 meters (clear line of sight)

wirelessvalue

Wireless CO2 climate sensor (DLCcl)

Description

DLCcl

The Wireless Value DLCcl measures temperature, relative humidity and CO2. Its unique design allows this sensor to measure 3 parameters with a battery life of over 6 years. Measurement results are sent wirelessly to the Base Station where the data can be used for monitoring and analysis.

Wireless CO2 climate sensor (DLCcl)

Specifications

General

Battery type	AA
Casing	IP00
Colour	Matte black, with optional accent colour
Battery life	At least 6 years
Model	Wireless module with built-in sensors
Type	Temperature, relative humidity, CO2

Measurement range

Temperature	-20°C to +80°C (see operating limits)
Relative humidity	0% - 100%
CO2	0 ppm to 10,000 ppm (validated at 2,000 ppm)
Operating limits	-20°C to +80°C
Signal range	1,600 meters with clear line of sight

Measurement accuracy

Temperature	± 0.3°C from -20°C to 80°C
Relative humidity	± 3% RH from 0 to 80% RH; otherwise ± 3.5% RH (at 25°C and 1 m/s airflow)
CO2	± 50 ppm, ± 3% of measured value

Measurement resolution

Temperature	0.1
Relative humidity	0.1
CO2	1

Legislation and standards

RED (Radio Equipment Directive)	Yes
CE	Yes
EN 300 220	Yes

Technical specifications

Battery voltage	3.6V
IP rating	IP00
Memory	10,000 measurements

Dimensions

Housing dimensions	175 (l) x 80 (w) x 33 (d) mm
Weight	150 g (excluding battery)