Wireless CO2 climate sensor (DLCcl)

DLCcl-as2winb

- 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)

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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.

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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)