Wireless temperature and RH sensor with display (DLTc-d)

DLTc-d-ewinb



- Accurate wireless temperature and humidity measurement
- Battery life of over 6 years
- Compatible with all Wireless Value Base Stations
- Transmission range up to 1,600 metres (clear line of sight)
- E-ink display for reading the measurement value directly on the sensor

wirelessvalue

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Description

DLTc-d

The Wireless Value DLTc measures the temperature and relative humidity of the environment. Measurement results are transmitted wirelessly to the Base Station, where the data can be used for monitoring and analysis.

The housing features an E-ink display, so you can read the latest measurement value directly on the sensor itself. Press the button to refresh the display.

- Memory for storing 10,000 measurements
- Adjustable measurement interval
- 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

Battery type	AA
Colour	Matte black or white
Battery life	Over 6 years
Model	Wireless module with built-in sensors and E-ink display

Measurement range

Temperature	20 °C to +80 °C
Relative humidity	0 % - 100 %
Operating limits	-20 °C to +80 °C
Signal range	1,600 metres in 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)

Measurement resolution

Temperature	0.1
Relative humidity	0.1

Legislation and standards

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

Technical specifications

Battery voltage	3.6
IP rating	IP54
Memory	10,000 measurements

Dimensions

Housing dimensions	105 (l) x 70 (w) x 34 (h) mm

Weight	93 g (excluding battery)