Wireless temperature and RH sensor (DLTc)



- 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 meters (clear line of sight)

wirelessvalue

Wireless temperature and RH sensor (DLTc)

DLTc-ewinb





Description

DLTc

The Wireless Value DLTc measures temperature and relative humidity of the environment. Its unique design makes the DLTc splashproof (IP65), so the sensor element cannot be damaged by moisture. Measurement results are sent wirelessly to the Base Station where the data can be used for monitoring and analysis.

- Memory to store 10,000 measurements
- Adjustable measurement interval
- Attractive IP65 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

Battery type	AA
Casing	IP65
Colour	Matte black or white
Battery life	At least 6 years
Model	Wireless module with built-in sensors

Measurement range

Temperature	20°C to +80°C
Relative humidity	0% - 100%
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)

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	IP65
Memory	10,000 measurements

Dimensions

Housing dimensions	105 (l) x 70 (w) x 34 (h) mm
Weight	93 g (excluding battery)