



Wireless climate sensor

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 transmitted wirelessly to the base station where the data can be used for monitoring and analysis.

Features

- Accurate wireless temperature measurement
- Battery life +5 years
- Compatible with all Wireless Value base stations
- Transmission range 1,000 metres (unobstructed line of sight)

Applications

- Temperature monitoring
- Climate monitoring

Specifications

- Memory to store 10,000 measurements
- Adjustable measurement interval
- Attractive ABS enclosure
- Suitable for wall mounting
- Existing system can be easily expanded with additional sensors
- Battery replaceable by user

The connected base station sends the sensor values to:

- Wirelessvalue.online (LAN or mobile provider)
- Wirelessvalue.online (for direct connection to climate computer)

Model	wireless module with built-in sensors
Type	temperature, humidity
Sensor type	integrated, digital
Measurement range	
Temperature	-20°C to +80°C (see operating limits)
Humidity	0% - 100%
Measurement accuracy	
Temperature	± 0.1°C from 0°C to 60°C, otherwise ± 0.2°C
Humidity	± 1.5% RH from 0 to 80% RH; otherwise ± 2% RH
Measurement resolution	
Temperature	0.1
Humidity	0.1
Measurement interval (M)	adjustable between 1 second and 255 minutes, standard 2 minutes
Operating limits	-20°C to +80°C
Power supply	1 AA 3.6 V lithium battery
Battery life	At least 5 years at 2-minute measurement interval
Memory	10,000 measurements
Radio standard	EN 300 220
Frequency	868 - 870 MHz (915 MHz where applicable)
Range	1,000 m with unobstructed line of sight
Enclosure	IP65
Colour	matte black
Dimensions	105 (l) x 70 (w) x 32 (h) mm
Weight	67 g (excluding battery)
Configuration	SensorGraph or Wirelessvalue.online
Legislation	R&TTE, CE
Ordering options	
Enclosure options	No
External antenna	No
Overpressure protection	No
External power supply	No

