Wireless temperature sensor

The Wireless Value DLTi measures ambient temperature. Thanks to its unique design, the DLTi is splash-proof (IP65) so the sensor element cannot be affected by moisture. Measurement results are transmitted wirelessly to the Base Station where the data can be used for monitoring and analysis.

Features

· Accurate and wireless sensing
· Battery life up to 10 year
· Compatible with all WiSensys Base Stations
· 1.000 metre range (line of sight)

Applications

· Agriculture
· Climate monitoring
· Pharma & Lab
· Industrial

Specifications

· Ability to buffer 10,000 measurements
· Programmable measuring interval
· Attractive ABS enclosure
· Wall-mountable
· Easy to add sensors to operational system
· User-replaceable battery
· Unique network ID to avoid interference with other wireless systems

Sensor values are sent by the paired Base Station to:

· Wireless Value Online Portal (LAN or mobile carrier)
· Wireless Value Online Portal (On premises)
· MODBUS network (IP or RS485)
· SensorGraph via serial interface or LAN

wirelessvalue

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Model	wireless module with integrated sensor
Type	temperature
Sensortype	integrated, digital
Measurement range	
Temperature	-20 °C tot +80 °C (zie bedrijfsgrenzen)
Measurement accuracy	
Temperature	± 0,3 °C from -20 °C to 80 °C
Measurement resolution	
Temperature	0,1
Measurement interval	Configurable between 1 second and 255 minutes, default 2 minutes
Operarting limits	-20 °C to +80 °C
Power supply	1 AA 3,6 V lithium battery
Battery lifetime	up to 10 years with a sample interval of 5 minutes
Memory	10.000 measurements
Radionorm	EN 300 220
Frequency	868 - 870 MHz
Legislation	RED, CE
Range	1.000 meter free line of sight
Housing	IP65
Color	matt black
Dimensions	105 (l) x 70 (w) x 34 (h) mm, excl. wall mount
Weight	93g (excluding battery
Configuration	SensorGraph or Wireless Value Online Portal
Ordering options	
Housing options	no
External antenna	no
Pressure relief	no
External power supply	no