



Wireless module for contact switch

The Wireless Value DLXt reads and counts the number of pulses and transmits this cumulative counter value to the base station.

Overview

- Accurate and wireless sensing
- Compatible with all WiSensys Base Stations
- 1.000 metre range (line of sight)

Applications

- Industrial
- Healthcare
- Laboratories

Specifications

- Ability to buffer 10.000 measurements
- Programmable measuring interval
- Attractive ABS enclosure
- Wall-mountable
- Easy to add sensors to operational system
- Unique network ID to avoid interference with other wireless systems

Sensor values are sent by the paired Base Station to:

- WebSensys (LAN or mobile carrier)
- WebSensys (On premises)
- MODBUS network (IP or serial)
- SensorGraph via serial interface or LAN RS485/422

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Technical specifications

Design	Wireless module
Type	Pulse signals
Sensor type	External
Measurement range	
Pulse rate	Max. 100 pulses/second
Measurement accuracy	
Input impedance	~20 K Ω
Detection levels	Voltage low: $V_{in} < 1\text{ V}$ Voltage high: $V_{in} > 2\text{ V}$. $V_{max} = 30\text{ V}$
Overload protection	+30 V
Measurement interval (M)	Configurable between 1 second and 255 minutes, default 2 minutes
Operating limits	-20 °C to +80 °C
Power	External
Memory	10.000 measurements
Radio standard	EN 300 220
Frequency	868 - 870MHz (915MHz where applicable)
Range	1.000 m with free line of sight
Housing	IP65
Color	WiSensys® Blue/Green
Dimensions	60(w) x 80(h) x 26(d) mm, excl. wall mount
Weight	80 g (excluding battery)
Configuration	SensorGraph or WebSensys
Regulatory	R&TTE, CE
Ordering options	
Housing options	Yes
External antenna	Yes
Pressure relief valve	Yes
External power supply	Yes

