



Wireless Modbus sensor

The Wireless Value DLS-Modbus can read and transmit data from an external Modbus sensor via the Wireless Value Online Portal. Measurement results are transmitted wirelessly to the Base Station where the data can be used for monitoring and analysis.

Features

- Configurable for all types of modbus sensors
- Battery life up to 10 years
- Can also be powered externally depending on type of sensor
- Compatible with all Wireless Value Base Stations
- Transmission range 1,000 metres (free line of sight)

Application

- Monitoring of sensors with Modbus output

Specifications

- Memory for storing of 10,000 measurements
- Adjustable measuring interval
- Attractive ABS housing
- Suitable for wall mounting
- Existing system easily expandable with additional sensors
- Battery replaceable by user
- Unique network ID to avoid interference with other wireless systems

The connected Base Station sends the sensor values to:

- Wireless Value Online Portal (LAN or mobile provider)
- Wireless Value Online Portal (on premises)
- Modbus-network (IP or RS485)
- SensorGraph via serial interface or LAN

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Technical specifications

Model	wireless module with Modbus protocol
Type	external Modbus sensor connectable
Sensortype	Modbus
Measurement range	
32 bits	0,001
16 bits	0,1
Measurement interval	adjustable between 1 second and 255 minutes, default 2 minutes
Operating temperature	-20 °C to +80 °C
power supply	1 AA 3,6 V lithium battery
Battery lifetime	up to 10 years at a measurement 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 class	IP65
Color	matt black with blue ring
Dimensions	190 (l) x 100 (w) x 43 (h) mm, excl. wall mount
Weight	270 g (excluding battery)
Configuration	SensorGraph or Wireless Value Online Portal
Order options	
Housing options	yes
External antenna	yes
pressure relief	yes
External power supply	yes

