



# Wireless sensor for potentiometer

The Wireless Value DLPd measures the output of a potentiometer and sends this data to the Base Station. The output is displayed as a percentage of the full scale. Detection is done using any sensor with a potentiometer. This allows a large number of available sensors to be connected to measure all kinds of parameters, such as wind direction, circumference measurement of plant and tree, etc.

## Features

- Accurate wireless detection
- Battery life of over 10 years
- Compatible with all Wireless Value Base Stations
- Transmission range 1,000 metres (free line of sight)

## Applications

- Monitoring of circumference
- Climate monitoring

## 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 serial)
- SensorGraph via serial interface or LAN

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## Technical specifications

Model	wireless module
Type	potentiometer
Sensortype	external
<b>Measurement range</b>	
Range	0 ... 25 k $\Omega$
<b>Measurement accuracy</b>	
Accuracy	$\pm 0,1\%$
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 lithiumbattery
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 bij vrije zichtlijn
Housing class	IP65
Color	matt black with blue ring
Dimensions	105 (l) x 70 (w) x 34 (h) mm, excl. wall mount
Weight	93 g (excluding battery)
Configuration	SensorGraph or Wireless Value Online Portal
<b>Order options</b>	
Housing options	yes
External antenna	yes
Pressure relief	yes
External power supply	yes

