Wireless module for energy consumption (pulse, 3-phase) (DLXp)



- Accurate wireless detection
- Battery life dependent on the number of pulses
- Compatible with all Wireless Value Base Stations
- Range 1,600 metres (clear line of sight)

wirelessvalue

- Overload protection of +30 V

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Description

Energy sensor DLXp

The Wireless Value DLXp detects and counts the number of pulses. It is used to measure energy consumption in high-voltage, high-current, 3-phase electrical systems. A kWh meter must be installed for these measurements. Depending on the type of kWh meter, current transformers can be used to reduce the high amperage to the input value required for the kWh meter.

- Memory to store 10,000 measurements
- Adjustable measurement interval
- Attractive IP65 ABS enclosure
- Suitable for wall mounting
- Existing system can easily be expanded with additional sensors
- Battery replaceable by user
- Unique network ID to avoid interference with other wireless systems

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Specifications

General

Battery type	AA
Colour	Matte black
Battery life	Over 6 years
Model	Wireless module
Type	Pulse signals

Measurement range

Operating limits	-20°C to +80°C
Signal range	1,600 metres in clear line of sight

Measurement accuracy

Detection levels	Max. 100 pulses/second

Legislation and standards

RED (Radio Equipment Directive)	ja
CE	ja
EN 300 220	ja

Technical specifications

Battery voltage	3.6
IP rating	IP65
Memory	10,000 measurements
Input impedance	~20 K
Pulse frequency	Max. 100 pulses/second
Overload protection	+30V

Dimensions

Housing dimensions	105 (l) x 70 (b) x 34 (h) mm
Weight	93 g (excluding battery)