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

DLXp-ewinb


- 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)



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- 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) |