Wireless sensor for process signal (0-25 mA) (DLXa)

DLXa



- High measurement frequency
- Accurate wireless detection
- Compatible with all Wireless Value Base Stations
- Range 1,600 metres (clear line of sight)
- Battery life of over 6 years
- Overload protection 100 mA, protected against reverse polarity

wirelessvalue

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Description

DLXa

The Wireless Value DLXa measures process signals and sends this data to the Base Station. Detection is done using any available sensor with 0-25 mA output. This allows a wide range of commercially available sensors to be connected for measuring all kinds of parameters such as flow rate, level, pressure, etc.

- 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
External power supply	Optional
Colour	Matte black
Battery life	Over 6 years
Model	Wireless module
Type	Process signals

Measurement range

Operating limits	-20°C to +80°C
Analogue	0 – 25 mA
Signal range	1,600 metres in clear line of sight

Measurement accuracy

Analogue	+/- 0.25% of range

Measurement resolution

Analogue	10 µA

Legislation and standards

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

Technical specifications

Battery voltage	3.6
IP rating	IP65
External antenna	Optional
Memory	10,000 measurements
Input impedance	43.2 Ohm
Overload protection	100 mA, protected against reverse polarity
Overpressure protection	Optional

Dimensions

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