

Wireless differential pressure sensor (DLPa)

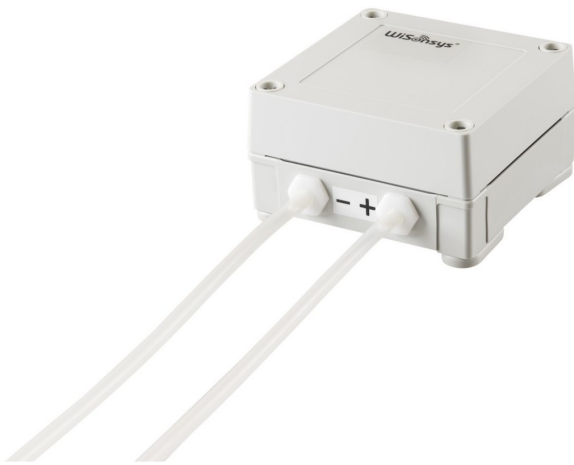
DLPa



- Accurate wireless detection
- Over 10-year battery life
- Compatible with all Wireless Value Base Stations
- Range 1,600 metres (clear line of sight)

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Description

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The Wireless Value DLPa measures the pressure difference between two points as a relative value. The differential pressure across the two ports is measured using the hot-wire principle. Thanks to its high sensitivity, this sensor is ideal for use in laboratory environments such as cleanrooms and in biological research.

- Memory to store 10,000 measurements
- Adjustable measurement interval
- 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	No
Colour	RAL 7035
Battery life	Over 6 years

Measurement range

Operating limits	-20°C to +80°C
Differential pressure	-500 to +500 Pa
Signal range	1,600 metres in clear line of sight

Measurement accuracy

Differential pressure	0.3% of reading
Drift	< 0.05 Pa/year

Measurement resolution

Differential pressure	0.1 Pa
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Legislation and standards

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

Technical specifications

Battery voltage	3.6
External antenna	Yes
Memory	10,000 measurements

Dimensions

Housing dimensions	110 (l) x 100 (w) x 55 (h) mm
Dimensions	dimensions of the connecting tubes: 1/8"
Weight	250 g (excluding battery)