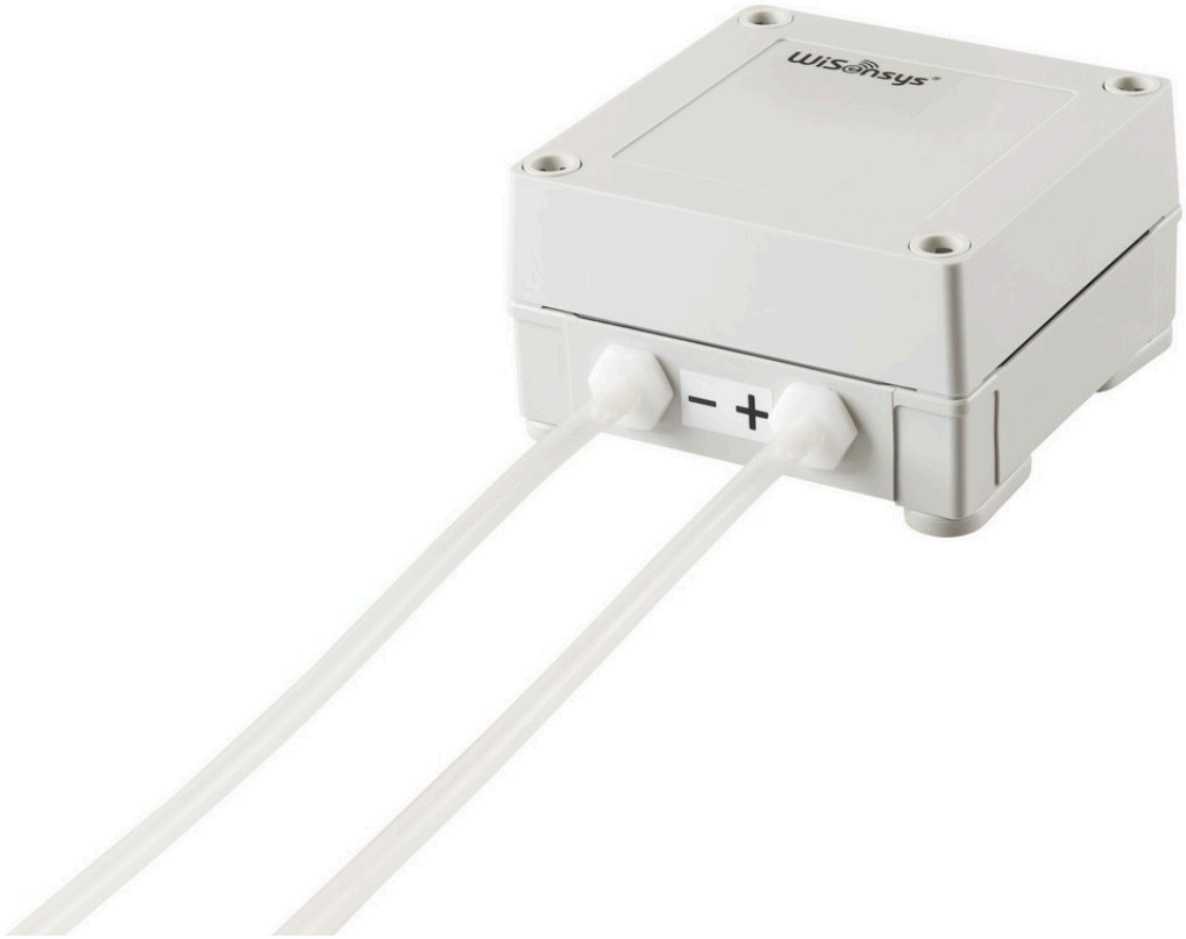
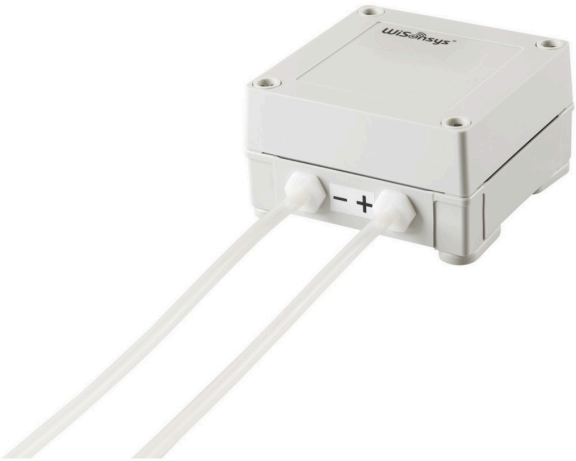
Wireless differential pressure sensor (DLPa)



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

wirelessvalue

Wireless differential pressure sensor (DLPa)



Description

DLPa

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

Wireless differential pressure sensor (DLPa)

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

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)