

Wireless module for measuring differential pressure with Novasina sensor (DLT-nSens-DP-AE)

DLT-nSens-DP-AE



- Accurate wireless detection
- Measurement of small pressure differences

- Battery life of over 6 years
- Compatible with all Wireless Value Base Stations
- Range of 1,600 metres (clear line of sight)

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DLT-nSens-DP-AE



Description

DLT-nSens-DP-AE

The Wireless Value DLT-nSens-DP-AE is a digital sensor for measuring very small pressure differences (differential pressure) in cleanrooms or air-conditioning systems. The measuring range is -25 to +25 pascals (Pa) and the accuracy is ± 0.15 Pa at 20°C.

- Memory for storing 10,000 measurements
- Adjustable measurement interval
- Suitable for wall mounting
- Existing system can be easily expanded with additional sensors
- User-replaceable battery
- Unique network ID to prevent interference with other wireless systems

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Specifications

General

Battery type	AA
Model	Wireless module with differential pressure sensor, featuring a built-in absolute pressure sensor

Measurement range

Operating limits	-20 °C to +80 °C
Differential pressure	-25 to +25 Pa. Ambient pressure range 700 – 1260 hPa / mBar
Signal range	1,600 metres in clear line of sight

Measurement accuracy

Differential pressure	±0.15 Pa. Ambient pressure accuracy ±0.5 hPa
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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
IP rating	IP65

Dimensions

Housing dimensions	105 (l) x 70 (w) x 35 (h) mm
Sensor dimensions	116 x 45 x 38 mm
Weight	93 g