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



- Accurate wireless detection
- Measurement of small pressure differences

wirelessvalue

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

Wireless module for measuring differential pressure with Novasina sensor (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

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

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

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
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