

Differential Pressure



PRODUCT DESCRIPTION

IOTSU® L3 DP01 is a wireless device that can be used to measure the pressure circumstances in buildings. The device has two inlets, and it measures the pressure levels between them. Building pressure levels can be measured by connecting a measuring tube to one of the inlets and routing it outside of the building.

The device can be mounted on any surface within the monitored building. Installation of this maintenance-free device is quick and easy. Transmission and measurement cycles can be adjusted according to the need.

IOTSU® L3 uses the global LoRaWAN network connection. There is no need for external power supply. Depending on transmission settings and environmental factors the battery of the device can last 5 years.

TECHNICAL SPECIFICATIONS

DIMENSIONS (LxWxH): 63 x 114 x 30 mm

WEIGHT: 117g with battery

SENSORS: Differential Pressure

TRANSMISSION CYCLE: 2h, adjustable

MEASUREMENT CYCLE: Transmission cycle/ 4

CONNECTIVITY: LoRaWAN

BATTERY: C, 3.6V, lifetime with default settings 5 years, replaceable

IP CLASS: IP30

OPERATING CONDITIONS: 0°C to +50°C,

TYPICAL ACCURACY: 3% of reading, < 0.1 Pa

CERTIFICATIONS: CE

MOUNTING: Screws, adhesive tape



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