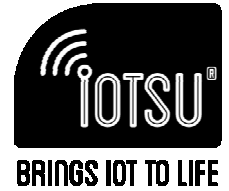


IOTSU® S1 DP01



Differential Pressure



PRODUCT DESCRIPTION

IOTSU® DP01 is a compact wireless device that measures the difference in pressure indoors. IOTSU® is designed for measuring and recording of changes in differential pressure for statistical analysis or monitoring purposes. The measured data can be viewed effortlessly from the cloud.

IOTSU® is easy to integrate into IOTSU® smart platform to visualise and analyse the results. The smart platform can be configured to alert the user if the differential pressure exceeds a configurable use-specific threshold value. Transmission and measurement cycles can be adjusted according to the need. This affects the battery life.

IOTSU® smart platform supports configurable SMS and email alarms. The smart platform is also straightforward to integrate into other systems and processes. The device can be mounted on any surface within the monitored building. Installation of this maintenance-free device is quick and easy.

IOTSU® uses a global Sigfox network connection. There is no need for external power supply.

TECHNICAL SPECIFICATIONS

DIMENSIONS (LxWxH): 76 x 76 x 30 mm

WEIGHT: 92g with battery

SENSORS: Temperature, differential pressure

TRANSMISSION CYCLE: 2h, adjustable

MEASUREMENT CYCLE: 30min, adjustable

TRANSMIT POWER: 25mW (14dBm)

TRANSMISSION CYCLE: Configurable, alerts

CONNECTIVITY: Sigfox RC1

BATTERY: 3.6V, lifetime with default settings 3 years, replaceable

OPERATING TEMPERATURE: 0°C to +50°C

MOUNTING: Adhesive tape



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