

PRESSURE  
DIFFERENCE METER

# Connected PressGuard

Connected PressGuard is a connected pressure difference meter for indoor building ventilation and air conditioning measurements. The device connects two measurement points data as one measurement, and tells the pressure difference between measurement points, e.g. building indoor and outdoor air.

The device measures and periodically sends the pressure difference data by using the worldwide Sigfox IoT-network connectivity for data transmission enabling very low lifetime cost.

Versatile, connected, maintenance free, ultra low cost, powerful, accurate - perfect solution for easy, long term and cost efficient pressure difference monitoring in various use cases.



- *Casing: ASB plastic*
- *Size: 100 x 100 x 35 mm*
- *Weight: 166 g*
- *Sensor: Sensirion SDP810-500PA*
- *Battery pack: 1 x 3.6 V*
- *Battery lifetime: 5 years (30 mins measurement interval)*
- *Measurement interval: Configurable (10 min ... 21 h)*
- *Pressure difference range: -500 ... +500 Pa*
- *Accuracy: 0.1 Pa or three percent of the reading*
- *Measuring range: -40 ... 85 °C, accuracy 0,2 °C*
- *Connectivity: Sigfox 868 / 902 / 920 MHz*
- *Operating zone: Sigfox RCZ1 / RCZ2 / RCZ4*
- *Certifications: CE, FCC, Sigfox Class 0U*
- *Warranty: 1 Year*
- *Product code: CIPRG-3007-R0401 (RCZ1) / CIPRG-3207-R0401 (RCZ2) / CIPRG-3407-R0401(RCZ4)*