

Product Specifications



Low Pressure Differential Logger

Overview

Precision Loggers™ Low Pressure Logger measures and records air pressure differential with an unprecedented degree of accuracy. Fully wireless, it communicates using Bluetooth® Low Energy (BLE) technology and recharges inductively.

Applications

- ◇ Analyzing building pressurization
- ◇ Troubleshooting, commissioning, and balancing HVAC systems

General Specifications

Dimensions:	116 mm × 42 mm × 15 mm
Weight:	100 grams (approx.)
Battery:	2 000 mAh rechargeable lithium polymer
Charging System:	Wireless
Communication:	Bluetooth® 5
Mounting:	Magnetic
Clock Accuracy:	± 2 seconds per day
Sampling Methods:	Continuous or stop when full
Operating Temperature Range:	-20 °C to 60 °C
Computer Hardware Requirements:	Bluetooth LE adapter
Computer Software Requirements:	Precision Loggers application
Operating System Software Compatibility:	macOS and Windows. More support under development
Memory Size:	8 000 to 32 000 readings
Number of Channels:	1 to 2
Additional Channel Types:	Temperature



Sensor Specifications

Media:	Non-corrosive, non-ionic gases
Pressure Reading Range:	± 0.5 inWC
Long-Term Stability:	± 0.25 % output span
Sensor Resolution:	18-bit
Proof Pressure: *	100 inWC
Burst Pressure: *	300 inWC

* Proof pressure: the maximum pressure a gauge can withstand without evidence of change in accuracy

* Burst pressure: the maximum pressure above which the pressure assembly may no longer hold pressure