Bluetooth Pressure Sensor
BluePSI User Guide

Important Notes

- Don’t Install Battery when not in operation.
- Sensitive diaphragm inside. Do NOT stick anything into the pressure port.

Description

1. Battery Cap – twist top part to open and install coin battery
2. Pressure Port – connects to measurement port
3. MAC Address - last four digits of the MAC Address are the last four digits of the device name

Included in the box

- Bluetooth Pressure Sensor (BluePSI) 1X
- User Guide 1X
- Coin Battery 1X

Compatible Software

- iOS: MultiGage Reader
- Windows: Dial-Reading (BLE Dongle Required)
- iOS App can be directly downloaded from the App Store for FREE.
- Windows software is available on Motionics website.

Quick Start

- For first time use, follow instructions to install the battery.
- Plug in USB Bluetooth dongle if using Windows PC.
- Run one of the aforementioned Apps/software.
- In the main page, tap Pair button to bring up a new pairing page.
- Wait for the software to finish scanning nearby devices, select BluePSIXXXX to connect.
- The last four digits of the MAC Address represent the XXXX in the device name.
- It might take multiple refresh to find the device.
- Connection may take a few seconds, once paired, instrument reading shows in the software.

Specifications

- Measurement Range: Located on sensor label
- Accuracy: ±0.25%FS
- Proof Pressure: 2X measurement range (20000 psi max)
- Burst Pressure: 5X measurement range (20000 psi max)
- Bluetooth Low Energy 4.0 Wireless Connection
- Wireless Data Transmission Interval: 5s (adjustable)
- Wireless Data Transmission Range: up to 20m
- Weather Proof: IP67
- Working Temperature: -20 – 85 °C
- Battery: CR2050/CR2032
- Pressure Port: ¼-18 NPT