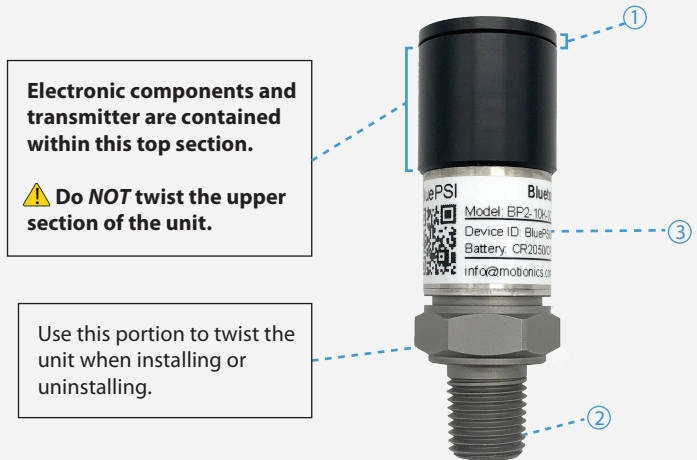# Bluetooth Pressure Sensor
# BluePSI User Guide

## ⚠ 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 cap on top to open and install coin battery
② **Pressure Port**– connects to measurement port
③ **Device Label**-- lists device ID and pressure range

**Electronic components and transmitter are contained within this top section.**

⚠ **Do NOT twist the upper section of the unit.**

Use this portion to twist the unit when installing or uninstalling.
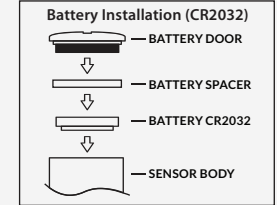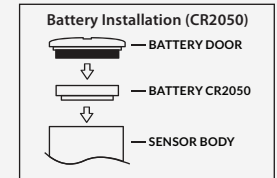


## Included in the box

- Bluetooth Pressure Sensor (BluePSI) 1X
- User Guide 1X
- Coin Battery 1X
- Battery Spacer (for CR2032) 1X

## Compatible Software

- iOS:  MultiGage Reader
- Android: MultiGage Reader
- Windows: MultiGage Reader (BLE Dongle Required)
- The iOS app can be directly downloaded from the App Store for FREE.
- The Android app can be directly downloaded from the Google Play Store for FREE.
- Windows software is available on the 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 Scan/+ button to bring up a new pairing page.
- Wait for the software to finish scanning nearby devices, select **BluePSIXXXX** to connect. Device ID can be found on the BluePSI label.
- It might take multiple refreshes to find the device.
- Connection may take a few seconds. Once paired, instrument reading shows in the software.



**Battery Installation (CR2050)**
— BATTERY DOOR
— BATTERY CR2050
— SENSOR BODY

**Battery Installation (CR2032)**
— BATTERY DOOR
— BATTERY SPACER
— BATTERY CR2032
— SENSOR BODY

## Specifications

- Measurement Range: Located on sensor label
- Accuracy: ±0.25%FS
- Proof Pressure: 2X measurement range
- Burst Pressure: 5X measurement range
- Bluetooth Low Energy 5.0 Wireless Connection
- Temperature Reading Accuracy: ±5.4°F / ±3°C
- Wireless Data Transmission Range: up to 100ft /30m
- Weather Proof: IP67
- Temperature Range: –4 to 185°F / –20 to 85°C
- Battery: CR2050/CR2032
- Pressure Port: ¼-18 NPT