

# BluePSI

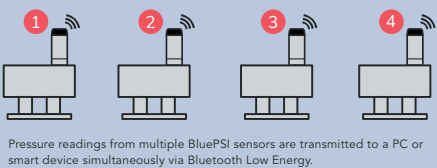
## Bluetooth Pressure Sensor



BluePSI is a wireless pressure sensor used for measurement of liquid or gas pressure, as well as temperature measurement. These Bluetooth-enabled pressure sensors, with the help of our free software, allow you to continuously monitor pressure in multiple locations simultaneously on your iOS, Android, or Windows device. Along with streaming real-time readings, some models log data internally. BluePSI has high resolution, high accuracy ( $\pm 0.25\%$ FS), a long battery life (up to 2 years with a coin battery) and is IP67 rated for high resistance to water and dust exposure. Most importantly, it eliminates the need for hard wiring and manual data logging thanks to its Bluetooth Low Energy wireless connectivity.



- Bluetooth Low Energy
- Long battery life
- IP Rating IP67
- Replacable coin battery
- Temperature sensor
- Onboard data logger
- Multi-platform software capability
- Multi-gage capability
- Continuous recording and plotting
- Data saving
- Remote cloud monitoring\*\*



BluePSI	BP2-XXX-01	BP2-XXX-02
Pressure Msmt Range		50-15,000 psi
Pressure Accuracy		$\pm 0.25\%$ FS
Proof Pressure		2x msmt range
Burst Pressure		5x msmt range
Temperature Msmt Range		32 to 131°F / 0 to 55°C
Temperature Accuracy		$\pm 5.4^\circ\text{F}$ / $\pm 3^\circ\text{C}$
Transmission Range		Up to 66ft / 20m
Wireless Data Rate		Adjustable up to 10 samples/sec*
Weather Proof		IP67
Working Temperature		-4 to 185°F / -20 to 85 °C
Battery Life		2 years at 5 second interval w/CR2050
Battery Type		CR2050/CR2032
Pressure Port		1/4-18NPT
On-Board Data Logging	No	Yes
Real-Time Readings		Yes

\* Higher data rate could reduce battery life

### More Features with FREE MultiGage Software\*

- Simultaneous reading of multiple devices
- Data plotting on iPhone/iPad/Android
- Continuous or single data point recording
- Max, Min, TIR measurement
- Remote zeroing from the app
- GO/NG judgment with green/red color indication
- Custom formula calculator
- Large analog probe meter with adjustable range
- Data saving in local database
- Data export in CSV via email and cloud drives
- Keyboard entry to Excel or SPC software on PC
- Apple Watch support

### \*\*MultiGage Cloud

Users can view and record readings from anywhere with our browser-based remote monitoring platform, MultiGage Cloud. Create custom dashboards, set alerts, receive notifications, and record readings remotely by connecting gauges wirelessly to our Cloud gateway. Connect up to an unlimited amount of sensors at once. MultiGage Cloud is a paid platform.



\*\*Availability of features varies between apps/platforms.

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The software & hardware can be customized.  
Contact Motionics for details.

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