Low Energy Wireless Monitoring

SensoNODE® wireless pressure, temperature and humidity sensors work with a mobile app to quickly, easily and cost-effectively monitor applications.

Designed to eliminate the challenges of traditional wired sensors in everyday applications, our SensoNODE® Low Energy Wireless Monitoring Sensors can help predict problems and prevent downtime in a variety of equipment and facility applications, saving time and money on costly labor or repairs.

Advanced sensor technology

Small in size and easily installed, SensoNODE Wireless Sensors offer sealed sensor housing to facilitate sensor location in challenging environments. The three individual sensor options (pressure, temperature, humidity) are compatible with a wide range of liquid and gas applications. They operate on a common coin cell battery for extended periods of time.

Intuitive mobile app

Our iOS app allows you to optimize and troubleshoot equipment performance throughout your facility by monitoring pressure, temperature and humidity through easily installed SensoNODE Low Energy Sensors. With a maximum range of up to 150 feet, the easy to use mobile app connects iOS devices wirelessly to one or more sensors to display live data, trending graphs or user defined alerts.

Applications

- Medical devices
- Laboratory and analytical equipment
- Food and beverage
- Manufacturing processes
- Automation / assembly equipment

Features	Benefits
Three different sensor options: pressure, temperature and humidity	Able to monitor a variety of equipment, media and applications
Wireless communication with Auto Sensor recognition	Easy installation — just locate, place and monitor
In-app diagnostic tools	Alert notifications and trending
Free downloadable app	Available on the go
Low power operation	Extended battery life
High accuracy for each sensor type	More precise readings of data source

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TECHNICAL SPECIFICATIONS

SensoNODE® LOW ENERGY SENSORS

Sensor Type	Measurement Range	Sensing Element	Accuracy	Resolution	Operating Parameters
Pressure Sensor	0-150 psi	Silicone Gel Coated	32°F to 104°F: ±1psi -40°F to 167°F: ±3 psi	.03 psi [2 mbar]	150 psi Max -4°F to 167°F Battery: CR2450 (Note: effective battery capacity between 32°F and 120°F)
Humidity Sensor	0-100% RH	Solid State Sensor	±5% RH Max (at 77°F, 20% RH to 80% RH)	0.1% RH (at 77°F)	
Temperature Sensor	14°F to +185°F [-10°C to 85°C]	304SS	±2.5% at 77°F	1°F (from 14°F to 120°F)	

MOBILE APP INFO

Size	3.0 MB
Compatibility	Requires iOS 6.0 or later. Compatible with iPhone, iPad, and iPod Touch. This app is optimized for iPhone 5S and C.
Languages	English
Supported Devices	• iPhone 4S, 5, 5S, 5C • iPod Touch (5th Generation) • iPad 3, iPad 4, iPad Air • iPad Mini

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