SERIES WS DataSling™ Wireless Pressure Sensor

- **Multiple Pressure Ranges Available**
- **Transmit Long Distances**
- **Easy 3-Step Setup Process**

Sensocon's® LoRaWAN® Wireless Pressure Sensors provide accurate and reliable measurements suitable for a wide range of applications. They leverage the robust LoRaWAN protocol to transmit data efficiently over long distances, securely and dependably.

Applications

- HVAC Systems
- Filter Monitoring
- Fume Hoods
- Clean Rooms
- Isolation Rooms
- Biological Safety Cabinets
- Paint Booths
- Dust Collectors

DIMENSIONS

MODEL NUMBERS

Model Number	Type	Pressure Range	Max Pressure	Accuracy
WS-DP01	Differential	0-0.5"wc	1.0 PSI	+/- 1% FS*
WS-DP02	Differential	0-1"wc	1.0 PSI	+/- 1% FS*
WS-DP03	Differential	0-2"wc	1.5 PSI	+/- 1% FS*
WS-DP04	Differential	0-5"wc	1.5 PSI	+/- 1% FS*
WS-DP06	Differential	0-8"wc	1.5 PSI	+/- 1% FS*
WS-DP10	Differential	0-20"wc	4.5 PSI	+/- 1% FS*
WS-DP15	Differential	0-1 PSI	12 PSI	+/- 1% FS*

* Higher accuracy availble upon request

Also available in multi-variable e.g. pressure + humidity/temperature + voltage. See www.sensocon.com for more details.
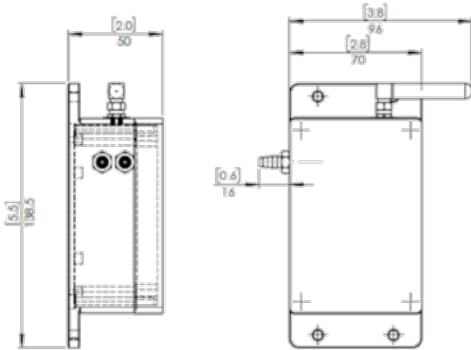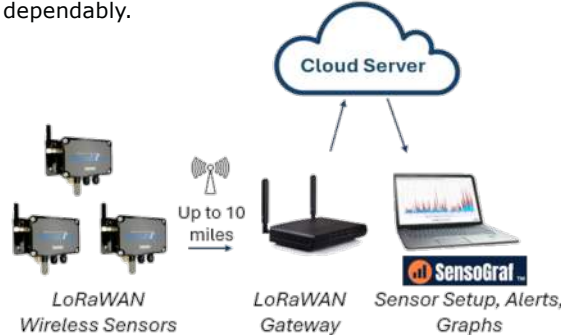
SPECIFICATIONS

Battery Type: CR123A (x2)
Frequency Bands: US915
Wireless Technology: LoRaWAN Class A
Max Receive Sensitivity: -130dBm
Wireless Range: Up to 10 miles*
Minimum Interval: 10 minutes
Battery Life: 2.5 to 5 years
Antenna: External Antenna
Wireless Security: AES-128
Operating Temperature: -4° to 149°F (-20° to 65°C)
Enclosure Rating: IP 65
Weight: 90g

*Clear line-of-sight. Transmit distances will vary.

SENSOGRAF

EASY TO SET UP - EASY TO USE

- New sensor setup
- Trending / dashboards
- Data storage
- Set up notifications
- Sampling interval changes

Measure

Set up Sensors in Minutes: Designed for simplicity, ease of installation and trouble-free use.

Trend

Gain Insights: Use Sensograf™ to visualize data via customizable dashboards.

Alert

Know When Something Isn't Right: Easily set up text and/or email alerts to notify key personnel when predefined conditions are met.

Act

Information Where and How Needed: Customize reporting interval to balance power consumption and data frequency needs.