SERIES WS DataSling™

Wireless Wet/Wet Pressure Sensor

LoRaWAN

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

Sensocon's® LoRaWAN® Wireless Wet/Wet 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.
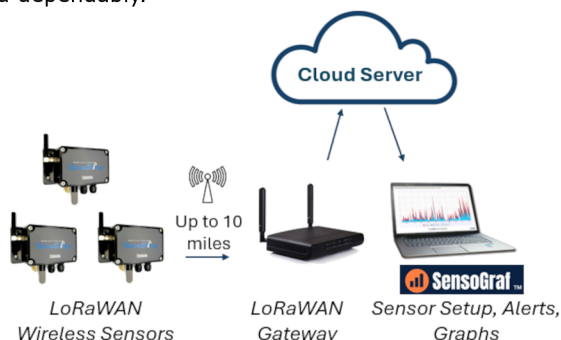
Applications

- Flow Measurement
- Level Measurement
- Filter Monitoring
- Hydraulic Systems
- Process Control

Cloud Server

Up to 10 miles

LoRaWAN Wireless Sensors | LoRaWAN Gateway | SensoGraf™ — Sensor Setup, Alerts, Graphs

DIMENSIONS

MODEL NUMBERS

Model Number	Type	Pressure	Max Press.	Accuracy
WS-W005	Differential	0-5 PSI	7.5 PSI	+/- 0.5% FS
WS-W015	Differential	0-15 PSI	22.5 PSI	+/- 0.5% FS
WS-W030	Differential	0-30 PSI	45 PSI	+/- 0.5% FS
WS-W050	Differential	0-50 PSI	75 PSI	+/- 0.5% FS
WS-W100	Differential	0-100 PSI	150 PSI	+/- 0.5% FS

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

Sensograf.com

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.
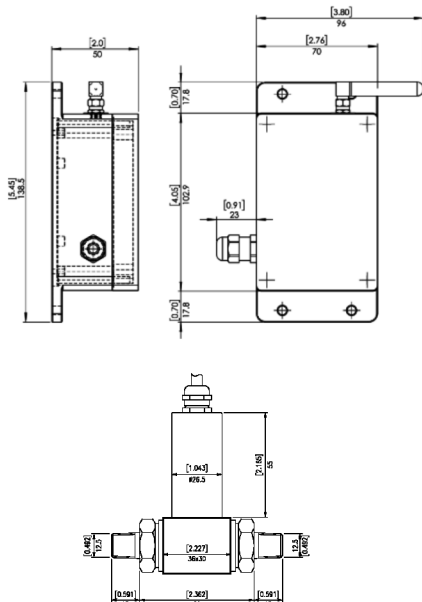
SPECIFICATIONS

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

Process Connection: 1/4"NPTM

Weight: 90g

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

SENSOCON