

Aretas Sensor Networks

PSI MONITORING SOLUTIONS

Aretas Sensor Networks, Inc.
877.218.6232
www.aretas.ca



PSI MONITORING SOLUTIONS

Customizable 4-20 mA Monitoring

HOW IT WORKS



MONITOR

Our monitors gather and transmit data to the communication bridge



GATHER DATA

Data from all units is sent securely to your private online data center account



ANALYZE & REPORT

Your data is archived, analyzed and reported in many useful ways



24/7 ACCESS

Decision making is easy from any computer or smart device

SENSOR OPTIONS

CO	Carbon Monoxide
CO2	Carbon Dioxide
O3	Ozone
dB	Noise
DP	Differential Pressure
NO2	Nitrogen Dioxide
PM	Particulates
TRHF	Freezer / Fridge
VOC	Volatile Organic Compounds

More options available

Overview

This 4-20 mA solution works as a wireless pressure transmitter that can be installed throughout your high pressure system and is easy to install and setup. Utilizing our 4-20 mA technology, we can integrate your existing pressure sensors (or any other 4-20 mA capable sensors) allowing you to review your data analytics online 24/7, at all locations, anytime, world-wide!

Customizable

Our wireless pressure monitoring system gives you a wide range of pressure sensor solutions. It seamlessly integrates with our other sensor options such as temperature, humidity, CO, NO2, VOC to meet your unique needs. Call Aretas Sensor Networks today for a free demo of our online analytics which display data in many useful ways and offers capabilities including text and email alerts anytime your system varies outside of optimal levels.

Industrial Solution

Our wireless PSI monitoring system is engineered to meet many industrial, commercial, and OEM pressure measurement applications. The all stainless steel welded thin film sensing element provides very fast response time and is compatible with many different media sensing applications. With a robust design resistant to vibration, shock, and EMI/RFI, the sensor provides high accuracy over a wide compensated temperature range. Pressure sensing ranges from vacuum to 5000 psi are available along with a 1/4 inch NPT male threaded process connection (adapters available).

Product Specifications



Wireless 4-20 mA PSI Monitor

Details:

- XBee 802.15.4 Frequency
- 900MHz

Operating Temperature

Measurement Range -25°C to +80°C

Pressure Sensor

Measurement Range 0 to 5000 psi

Accuracy ± 0.75%

Applications include:

- Process control & automation
- Pump & compressor control
- Hydraulic systems
- Pneumatic systems
- Engine monitoring
- Refrigeration equipment
- Presses
- Machine tools & more

Features

- All stainless steel welded sensing element
- Fast response time
- Pressure sensing ranges from vacuum to 5000 psi
- 1/4 inch NPT male threaded process connection