

Aretas Sensor Networks

INDUSTRIAL TEMPERATURE MONITORING SOLUTIONS

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INDUSTRIAL TEMP 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 Industrial Temperature sensor provides accurate and reliable temperature data. This 4-20 mA solution is wireless and can be installed anywhere. Install and setup quickly with a ¼" NPT threaded port. Wireless access to data allows you to review your data online 24/7, at all locations, anytime, world-wide! Up to 4 temperature sensor probes can be run from one monitoring unit.

Customizable

Our wireless industrial temperature monitoring system gives you a wide range of temperature 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 displays data in many useful ways and offers additional 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 temperature 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.

Product Specifications



Wireless 4-20 mA Temp Monitor

- Min Installation Depth: 15 mm
- Measurement Range -17.8 to 148.9°C

Details:

- XBee 802.15.4 Frequency
- 900MHz

Industrial Temperature

Ambient Temperature -25 to 70°C

Storage Temperature -40 to 100°C

Accuracy ± 0.4°C

Applications include:

- Reach-in Refrigerators and Freezers
- Walk-in Refrigerators and Freezers
- Refrigerated Prep Tables
- Undercounter Refrigerators
- Refrigerated Merchandisers
- Bar Refrigeration
- Industrial Fridges
- Industrial Freezers
- Chest freezers
- Ovens
- Dishwashers

Features

- All stainless steel welded sensing element
- Fast response time
- On unit display
- Wireless online access
- ¼" NPT male threaded process connection