

Aretas Sensor Networks

# DEW POINT MONITORING SOLUTIONS

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# DEW POINT MONITORING SOLUTIONS

## Customizable 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

Monitor dew point within your compressed air system. Wirelessly integrated into Aretas' 4-20mA monitoring technology, this dew point sensor can be easily installed throughout your compressed air system, allowing you to review your data 24/7, at any location, anytime, worldwide.

### Customizable

Our wireless 4-20mA monitoring system allows you to monitor dew point in almost any location in your system. 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 dew point monitoring system makes monitoring as accessible as temperature and pressure with this fully configured, calibrated transmitter that is incorporated into our online dashboard and management system.

### Product Specifications



#### Wireless 4-20 Dew Point Monitor

#### Details:

- XBee 802.15.4 Frequency
- 900MHz

### Operating Temperature

Measurement Range -40°C to +75°C

Humidity 0 - 100%

### Dew Point Sensor 0-3000 ppmv

Measurement Range -100°C to +20°C

Accuracy ±2°C

### 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
- Pre-calibrated
- 1/4 inch NPT male threaded process connection

# DEW POINT MONITORING SOLUTIONS

Customizable Monitoring

## Indoor Air Quality & Remote Sensor Monitoring System

### Area Monitors

T/RH/CO2dBLuxAirV



- Wireless
- 900 MHz
- 802.15.4

### Area Monitors

T/RH/VOC



### Area Monitors

4-20 Input (optional)



### 3rd Party Sensors/Monitors

*i.e. Kamomax Velocity Transmitters,  
Differential Pressure Transducers*



- Ethernet
- Broadband Connection (optional)

### Bridge Collection Point



Smart Phone



Cloud

Aretas Servers



PC/Tablet