

# Pyure 'AQ' 900 Oxidant Sensor

The Pyure 'AQ' 900 Oxidant Sensor is part of Pyure's controlled air and surface purification solutions. The sensor takes air samples with the sensor element and transmits the readings to the Controller. The Sensor has a base and a sensor element. (Note: Each purification system requires at least one sensor per controller).

## Specifications

### Pyure 'AQ' 900 Sensor Base and Oxidant Element

Dimensions (H x Dia)	2.5" x 5.1" (64 mm x 130 mm)
Weight	0.4 lbs (0.2 kg)
Shipping Dimensions	9.4" x 5.4" x 3.6" (239 mm x 138 mm x 91 mm)
Shipping Weight	1.0 lbs (0.5 kg)
Voltage	12 VDC
Power	2 Watts (max)
Analog Output	4-20mA (opto-isolated), Req 12/24VDC input
Temperature Range Base only (Operational)	-40° to 255° F (-40° to 124° C)
Humidity Range (Operational)	0 to 100% RH, non condensing
Communication	RS485
Connectors	Screw
ID	1 (default) User configurable from 1 to 255
Removable/replaceable sensor head	Yes
Enclosure casing & rating	Polycarbonate   IP20 & NEMA 1 equivalent
Sampling method	Active sampling via internal sensor fan
Mounting	Screw fixture
Approvals	Part 15 of FCC rules EN 50082-1: 1997, EN 50081-1: 1992
Warranty	2 years covering defects in workmanship or materials, but excluding consumables

### Product Number

00819355022533	Pyure 'AQ' Oxidant 900 Sensor Includes: Pyure 'AQ' 900 Base [ESN-AQ-001] Pyure 'AQ' Oxidant Element [ESN-AQ-002]
00819355022540	Pyure 'AQ' Oxidant Element

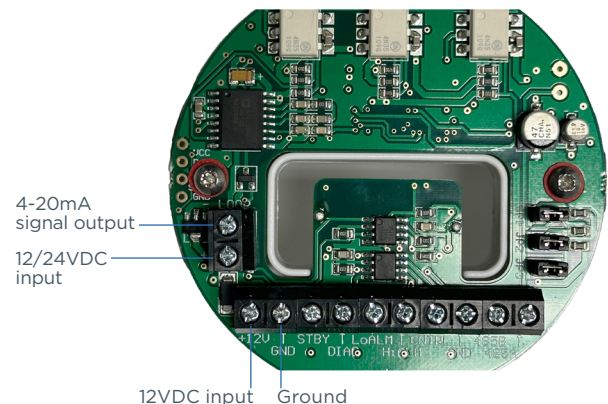
### Dimensions of the Pyure 'AQ' 900 Oxidant Sensor.



### Pyure 'AQ' Oxidant Element

Range	0-0.5 ppm
Sensor type	GSS
Minimum detection limit	0.001 ppm
Accuracy of factory calibration	<+/- 0.008 ppm 0-0.1 ppm <+/- 10% 0.1-0.5 ppm
Resolution	0.001 ppm
Response time	60 seconds
Temperature Range (Operational)	32° to 104° F (0° to 40° C)

### Wiring locations for Pyure 'AQ' 900 Oxidant Sensor Base.



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