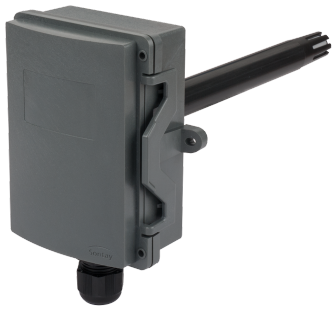

Features & Benefits

- Auto detection 0-10Vdc or 4-20mA outputs, 3-wire only
- Direct thermistor options available
- Pluggable terminal blocks and tool free installation
- LCD display option
- Easy installation: 2-part, push-in spring terminals

Technical Overview

The GS-AQ series of air quality transmitters determine the air quality through measurement of Total Volatile Organic Compounds (TVOC's). This signal can be used to control fresh air fans and dampers according to the ventilation load. A valuable feature of this sensor is it automatically detects what the controller input is set to, 4-20mA or 0-10Vdc. This removes the requirement for output jumpers that can be inadvertently set incorrectly.

Specification

Active outputs	0-10Vdc or 4-20mA (3 wire) self detecting
Air quality output ranges	0 to 1,000ppb TVOC
Environmental Housing	-30 to +60°C 5 to 95% non-condensing
Environmental Media	-10 to +50°C
Gross Weight (kg)	0.25
Housing Dimensions	125 x 105 x 85mm
Housing Material	PC/GF (Halogen free, flame retardant & UV stabilized)
Housing probe	215 x 20mm dia
Optional passive output	PTC/NTC Element Any Sontay resistive
Power Supply	24Vac/dc ±10%
Protection	IP65
Temperature Output range	-20 to +50°C
Weight	250g

Technical Specification

Optional passive output	PTC/NTC Element Any Sontay resistive
Housing Dimensions	125 x 105 x 85mm
Weight	250g

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Note: for all gas sensors, None of our devices are approved for use in life safety applications. This document is uncontrolled if printed. Generated on 22/07/25

Housing Material	PC/GF (Halogen free, flame retardant & UV stabilized)
Active outputs	0-10Vdc or 4-20mA (3 wire) self detecting
Temperature Output range	-20 to +50°C
Power Supply	24Vac/dc ±10%

Related Product Codes

GS-AQ-D	Duct Air Quality Transmitter

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