



Features & Benefits

- Auto detection 0-10Vdc or 4-20mA outputs, 3-wire only
- Direct thermistor options available
- Pluggable terminal blocks and tool free installation
- Optional set point & momentary switch
- 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	0 to 50°C
Housing Dimensions	115 x 85 x 30mm
Housing Material	ABS (flame retardant)
Optional passive output	PTC/NTC Element Any Sontay resistive type
Override optional passive outputs	VFC
Power Supply	24Vac/dc $\pm 10\%$
Protection	IP30
Setpoint optional passive outputs	11-1k Ω /0-10k Ω linear
Temperature Output range	0 to 40°C
Weight	180g

Technical Specification

Optional passive output	PTC/NTC Element Any Sontay resistive type
Housing Dimensions	115 x 85 x 30mm
Weight	180g
Housing Material	ABS (flame retardant)
Active outputs	0-10Vdc or 4-20mA (3-wire) self detecting

Tel: +44 (0)1732 861200 | E-mail: sales@sontay.com | Web: www.sontay.com

Sontay Limited. Four Elms Road, Edenbridge, Kent, TN8 6AB UK

Temperature Output range	0 to 40°C
Power Supply	24Vac/dc $\pm 10\%$

Related Product Codes

GS-AQ-S	Space Air Quality Transmitter
-5V	Space Air Quality Transmitter
-BLK	Space Air Quality Transmitter
-LCD	Space Air Quality Transmitter with LCD
-MS	Space Air Quality Transmitter
-SP	Space Air Quality Transmitter
-T	Space Air Quality Transmitter
-TR	Space Air Quality Transmitter