

Multi-Point Sample Draw Gas Monitor

VASQN8X Series



The new generation of VASQN Series combines Vulcain's long proven sensing capability along with state of the art pumping technology with constant high accuracy and full reliability sample draw gas detector system.

The VASQN8X offers notably accurate monitoring of the presence of a wide variety of refrigerants, or other toxic and explosive gases, in a surveillance area of up to 8 different zones. A low maintenance diaphragm pump draws ambient air to the sensor from a maximum distance of 1000 feet. A high performance sequencer synchronizes the mechanics and the electronics so that the levels of detectable gases are properly registered for each of the 8 zones. The unit is fully operational from the box, making for simple hassle-free installation. The new generation of VASQN8X provides an excellent cost-effective centralized solution.

- Wide area of coverage
- 3 alarm relays
- Audible alarm
- LCD display
- LED status indicators
- Integrated flow loss surveillance
- 1 to 8 sample points
- Early low level warning alarm
- Proven sensing technology
- Up to 2 gases

Ordering Information

VASQN8XG1-G2*

*X: Number of zones
G1: First Target Gas
G2: Second Target Gas

Advanced Multi-Point Gas Monitor

VASQN8X

Multi-Point Gas Draw Gas Monitor

Each VASQN8X is equipped with a built-in noise immune RS-485 communication network providing the ability to transmit long distances with the VA201C controller. The VA201C accommodates up to 2 VASQN8X. Features of the VA201C controller include:

- Capacity to monitor 32 transmitters and 32 relay modules
- Visual Indicators and audible alarm
- Multiple alarm levels
- Programmable time delays
- LCD display
- RS-232C transmission port

The VASQN8X Series, with its unsurpassed network expandability, offers a cost-effective centralized solution.



For further information:

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VASQN8X SPECIFICATIONS

SENSING TECHNOLOGY:	Refrigerant (infrared) Electrochemical (toxic) Catalytic combustion (combustibles) Diffusion fuel cell (oxygen)
VISUAL INDICATORS:	
Normal Operation:	Green LED
Alarm Level 1:	Red LED
Alarm Level 2:	Red LED
Failure Indication:	Yellow LED
Aspirated Zone:	Green LED
Relay Output Rating:	5A, 30 VDC or 250 VAC (resistive load)
Audible Alarm:	110 dBA at 3 ft. / 1 m
Alarm Levels:	3
Number of Sample Points:	Up to 8, including 1/8" polymer tubing
Outputs:	3 DPDT relays (3 alarms level or 2 alarm levels and Fault) RS-485
Operating Humidity Range:	0-95% RH (non-condensing)
Operating Temperature Range:	32 °F to 100 °F / 0 °C to 40 °C
Maximum Sampling Distance:	1000 ft. / 305 m
GENERAL SPECIFICATIONS	
Size:	19 x 11.75 x 4.5 in. / 48.3 x 30 x 11.4 cm
Weight:	22.4 lbs. / 10.17 Kg
Power Requirement:	24VAC, 1A Certified to UL and CSA standards

Gas Detected	Detection Range	Sensitivity	Accuracy
R11, R12, R22, R123, R125, R134A	0-1000 ppm	4ppm	3%
CO	0-50 ppm 0-100 ppm 0-250 ppm(std) 0-500 ppm	1 ppm	3%
NO ₂	0-10 ppm	0.04 ppm	3%
H ₂	0-2.5% LEL	0.4%	3%
Cl ₂	0-15 ppm	0.06 ppm	3%
Combustibles	0-100% LEL	0.4%	3%
H ₂ S	0-50 ppm	0.2 ppm	3%
O ₂	0-25%	0.1%	3%
SO ₂	0-10 ppm	0.04 ppm	3%
HCN	0-50 ppm	0.2 ppm	3%
HCl	0-25 ppm	0.2 ppm	3%
CO ₂	0-2000 ppm, 0-5%	0.1%	3%

DUE TO ONGOING RESEARCH AND PRODUCT IMPROVEMENT, SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.



- 1 Air inlet port
- 2 Sampling port LED
- 3 Programming keys
- 4 Visual indicators
- 5 LCD display
- 6 Audible alarm
- 7 Key locked enclosure

Locally Distributed by: