

# GAS & SPECIALTY SENSORS

## MULTIPOINT SAMPLE DRAW GAS MONITOR

**SQN8X**



**Honeywell Analytics**  
experts in gas detection



### DESCRIPTION

The **Honeywell Analytics SQN8X** is a **sample draw gas monitor**. The standard unit (**SQN82**) has two sampling points and a three-relay output for different stages of alarm. The unit is ideal for MRI rooms as the sampling point tubing can be up to 1000' from the monitor. The optional two-gas model will pick up both gases at each sampling point. Each unit includes 100 ft lengths of sampling tubing per number of ports ordered.

The **SQN8X** Multipoint Sample Draw Gas Monitor is designed to be used as part of a control system that helps to prevent the formation of a hazardous environment when properly installed and maintained.



SQN8X



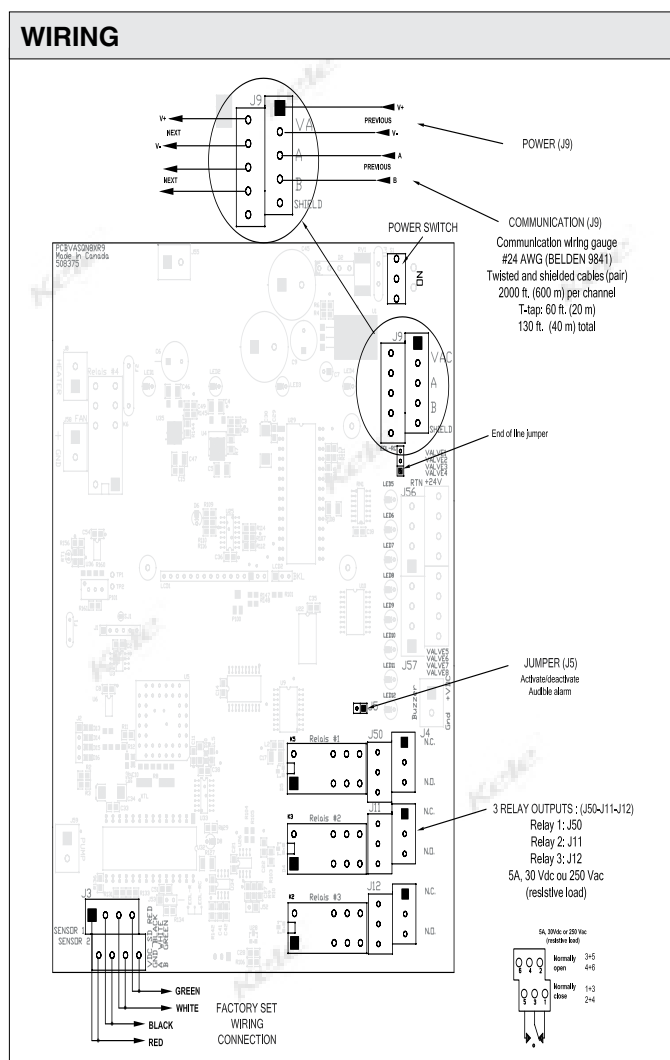
### FEATURES

- *Visual indicators and audible alarm*
- *Programmable alarm levels*
- *Two sampling points*
- *Failure indicator*
- *Three alarm levels*
- *Integrated flow loss surveillance*
- *Programmable relay differential*

### SPECIFICATIONS

<b>Supply Voltage</b>	24 VAC @ 18 VA
<b>Accuracy</b>	±3%
<b>Relay Output</b>	Three DPDT relays (three alarms)
<b>Relay Output Rating</b>	5A, 30 VDC or 250 VAC (resistive)
<b>Alarm Auditory Levels</b>	110 dBA at 3 ft (1m)
<b>Measurement Range</b>	Oxygen: 0 to 25% Refrigerants: 0 to 1000 ppm
<b>Sensing Technology</b>	Oxygen: Diffusion fuel Cell Refrigerants: Electrochemical
<b>Sampling Distance</b>	100 ft (30.5) per port (included); Maximum 1000 ft (305m)
<b>Visual Indication</b>	Green LED: Normal Red LED: Alarm levels 1 and 2 Yellow LED: failure indication Green LED: Aspirated zone indication
<b>Operating Temperature</b>	32° to 100°F (0° to 40°C)
<b>Operating Humidity</b>	15% to 90% RH, noncondensing
<b>Dimensions</b>	20.3"H x 13.0"W x 3.75"D (51.4 x 33 x 10 cm)
<b>Weight</b>	26.5 lbs (12 kg)
<b>Approvals</b>	CSA
<b>Warranty</b>	1 year

### WIRING



GAS & SPECIALTY SENSORS

7



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### APPLICATION TABLE

<b>O2 Oxygen</b>	3 - 5 foot (1 - 1.5 m) from floor	26 ft (7m)	1,257 ft2 (154 m2)	0-25% Volume	19.5% Volume	22% Volume	22.5% Volume
<b>Refrigerants (All except R-123)</b>	1 foot (30 cm) from floor	31 ft (7m)	1,257 ft2 (154 m2)	0-1000 ppm	250 ppm	500 ppm	900 ppm
<b>Refrigerants (R-123)</b>	1 foot ( 30 cm) from floor	32 ft (7m)	1,257 ft2 (154 m2)	0-1000 ppm	50 ppm	500 ppm	900 ppm

### ORDERING INFORMATION

<b>SQN8</b>	Multipoint gas detector with tubing supplied per point
	<b>Points (Choose one)</b>
<b>2</b>	Two points
<b>4</b>	Four points
<b>8</b>	Eight points
	<b>Gas (Choose one)</b>
<b>R22</b>	R-22 refrigerant
<b>R11</b>	R-11 refrigerant
<b>R123</b>	R-123 refrigerant
<b>R134</b>	R-134a refrigerant
<b>R404</b>	R-404a refrigerant
<b>R507</b>	R-507 refrigerant
<b>O2</b>	Oxygen

**SQN8** - **4** - **O2** **Example:** SQN84O2, Four point multipoint gas detector with tubing supplied per point measuring Oxygen.

### ACCESSORIES

<b>691-K0A</b>	Control transformer, 120:24 VAC, 40 VA, Class 2
<b>Calibration Gases</b>	CO, CO2, NO2, O2, CH4, NH3, N2, H2S, H2, and Refrigerants (See calibration page)
<b>UCK-1</b>	Universal calibration kit for non-corrosive gases (N2, CO2, CH4, H2, O2, CO, and refrigerants)
<b>UCK-3</b>	Universal calibration kit for non-corrosive or corrosive gases

7

GAS & SPECIALTY SENSORS