

## SQN8X SPECIFICATIONS

### Infrared Refrigerant Gas Detector



General Specification				
<b>Use</b>	Sample draw detector that rotates pumping in air samples from up to eight different locations and detects for possible gas hazards			
<b>Size</b>	19 (H) x 13 (W) x 3.7 (D) in. (48 x 33 x 10 cm)			
<b>Weight</b>	26.5 lbs. (12 kg)			
<b>Power Requirement</b>	24VAC, 0.74A			
<b>Relay Output Rating</b>	5A, 30 VDC or 250 VAC (resistive load)			
<b>Audible Alarm</b>	110 dBA at 3 ft. (1 m)			
<b>Alarm Levels</b>	3 alarm levels			
<b>Number of Sample Points</b>	Up to 8, including 1/8 in. polymer tubing			
<b>Outputs</b>	3 DPDT relays (3 alarms level or 2 alarm levels and Fault)			
	RS-485			
<b>Operating Humidity Range</b>	15-90% RH (non-condensing) toxics 0-99% RH (non-condensing) refrigerants			
<b>Operating Temperature Range</b>	32° to 100°F (0° to 40°C)			
<b>Maximum Sampling Distance</b>	1,000 ft. (305 m)			
<b>Visual Indicators</b>	Normal Operation      Green LED Alarm Level 1            Red LED Alarm Level 2            Red LED Failure indication        Yellow LED Aspirated Zone            Green LED			
Gases Detected	Gas Detected	Detection Range	Sensitivity	Accuracy
<b>301RFS</b>	Refrigerants R11, R12, R13B1, R22, R123, R125, R134a, R227, R245A, R404A, R407C, R410A, R507a, R508B	0-1,000 ppm	4 ppm	±40 ppm @ 500 ppm
<b>S301D2</b>	Carbon Monoxide (CO)	0-250 ppm	1 ppm	3%
	Nitrogen Dioxide (NO <sub>2</sub> )	0-10 ppm	0.05 ppm	3%
	Combustibles	0-100% LEL	0.5% LEL	3%
	Oxygen (O <sub>2</sub> )	0-25% vol.	0.1% vol.	3%
Ratings and Certifications				
<b>Certified to</b>	CSA STD. C22.2 No. 205 116662			
<b>Conforms to</b>	UL STD. 1244			

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