

SQN8X SPECIFICATIONS

Infrared Refrigerant Gas Detector



General Specification				
Use	Sample draw detector that rotates pumping in air samples from up to eight different locations and detects for possible gas hazards			
Size	19 (H) x 13 (W) x 3.7 (D) in. (48 x 33 x 10 cm)			
Weight	26.5 lbs. (12 kg)			
Power Requirement	24VAC, 0.74A			
Relay Output Rating	5A, 30 VDC or 250 VAC (resistive load)			
Audible Alarm	110 dBA at 3 ft. (1 m)			
Alarm Levels	3 alarm levels			
Number of Sample Points	Up to 8, including 1/8 in. polymer tubing			
Outputs	3 DPDT relays (3 alarms level or 2 alarm levels and Fault)			
	RS-485			
Operating Humidity Range	15-90% RH (non-condensing) toxics 0-99% RH (non-condensing) refrigerants			
Operating Temperature Range	32° to 100°F (0° to 40°C)			
Maximum Sampling Distance	1,000 ft. (305 m)			
Visual Indicators	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
301RFS	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
S301D2	Carbon Monoxide (CO)	0-250 ppm	1 ppm	3%
	Nitrogen Dioxide (NO ₂)	0-10 ppm	0.05 ppm	3%
	Combustibles	0-100% LEL	0.5% LEL	3%
	Oxygen (O ₂)	0-25% vol.	0.1% vol.	3%
Ratings and Certifications				
Certified to	CSA STD. C22.2 No. 205 116662			
Conforms to	UL STD. 1244			

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