

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
301IRFS	Refrigerants R11, R12, R13B1, R22, R123, R125, R134a, R227, R245A, R404A, R407C, R410A, R507a, R508B	0-1,000 ppm	4 ppm
S301D2	Carbon Monoxide (CO)	0-250 ppm	1 ppm
	Nitrogen Dioxide (NO ₂)	0-10 ppm	0.05 ppm
	Combustibles	0-100% LEL	0.5% LEL
	Oxygen (O ₂)	0-25% vol.	0.1% vol.
Ratings and Certifications			
Certified to	CSA STD. C22.2 No. 205 116662		
Conforms to	UL STD. 1244		

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