



## 301IRFS SPECIFICATIONS Infrared Refrigerant Gas Detector



General Specification		
<b>Use</b>	Infrared refrigerant sensor to be used with the 301EM-20 and SQN8x.	
<b>Gases Detected</b>	R11, R12, R13B1, R22, R123, R125, R134A, R227, R245A, R404A, R407C, R410A, R507A, R508B	
<b>Sensing Technology</b>	Infrared sensor	
<b>Measurement Range</b>	0-1,000 ppm	
<b>Resolution</b>	1 ppm	
<b>Deadband</b>	20 ppm	
<b>Accuracy</b>	± 40 ppm @ 500 ppm	
<b>Response Time (T90)</b>	60 seconds	
<b>Warmup time</b>	15 minutes	
<b>Operating Environment</b>	Indoor Use	
<b>Operating Temperature Range:</b>	32° to 100°F (0° to 40°C)	
<b>Operating Humidity Range:</b>	0 to 95% RH (non-condensing)	
<b>Enclosure</b>	ABS – Polycarbonate	
<b>Size</b>	4 (H) x 11 (W) x 2.5 (D) in. (10.2 x 28 x 6.3 cm)	
<b>Weight</b>	2.33 lbs. (0.603 kg)	
<b>Visual Indicators</b>	Normal Operation	LED blinks according to the sensor addresses on the 301EM-20
	Failure Indication	LED will remain on

