

## 301C SPECIFICATIONS

### Controller



General Specification	
<b>Use</b>	Modbus controller for centralized gas detection monitoring with real-time gas reading, selective alarm activation and low cost of installation.
<b>Power Requirement</b>	17-27 VAC, 24-38 VDC, 500mA
<b>Size</b>	11 (W) x 8 (H) x 2.8 (D) in. (28 x 20.3 x 7 cm)
<b>Weight</b>	2.4 lbs. (1.1 kg)
<b>Network Capacity</b>	Three Modbus channels for up to 96 transmitters, one wireless channel for up to 50 301W wireless transmitters and an optional BACnet/IP output
<b>Communication Line Lengths</b>	Up to 2,000 ft. (609 m) per channel T-Tap: 65 ft. (20 m), maximum per T-Tap 130 ft. (40 m), maximum for all T-Tap combined
<b>Relay Output Rating</b>	5 A, 30 VDC or 250 VAC (resistive load)
<b>Alarm Levels</b>	3 fully programmable alarm levels
<b>Time Delays</b>	0, 30 sec, 45 sec, 1-99 minutes before and after alarm
<b>Outputs</b>	4 DPDT relays (alarms and/or fault); 65dBA buzzer
<b>Display</b>	Large 122 x 32 dot matrix display
<b>Operating Humidity Range</b>	0 to 95% RH (non-condensing)
<b>Operating Temperature Range</b>	-4° to 122°F (-20° to 50°C)
Ratings and Certification	
<b>Certified to</b>	CAN/CSA C22.2 No 61010-1
<b>Conforms to</b>	ANSI/UL 61010-1 IEC 61010-1 including Amendments A1:1992+ A2:1995 and National Deviations (Canada, US)



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