

301C SPECIFICATIONS

Controller



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

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