Honeywell

AirAlert™ 96d SPECIFICATIONS

Toxic and Combustible Gas Detector Network Platform (MS-TP, Modbus)

General Specification	
Use	**Multi-channel gas monitoring system acts as the nerve center of a modular gas detection network, providing continuous monitoring of up to 96 connected units on three distinct channels.**
Common Operation	
Display	Graphic 122 x 82 alphanumeric dot matrix backlit
Push Button Controls	Seven user-friendly pushbuttons easily performs operations from minor fine tuning to reconfiguration of entire network.
Electrical Power	24 VDC, 500 mA (18-36 VDC)
Communication Addressable	RS-485 Modbus protocol
Power Supply	External M-600400 24 VDC, 6.5 amps, enclosure complies with Nema 4 requirements
Environmental	
Operating Altitude	Up to 3,000 m (9843 ft.)
Operating Environment	Ordinary location
Operational Humidity	0-95% RH (non-condensing)
Temperature	-20°C to +50°C (-4°F to +122°F)
Common Module	
Communication	RS-485: for communication cable, use 24 AWG twisted pair, shielded (Belden #9841 or equal), cable runs up to 2,000 ft. For power cable use 14 AWG (Belden #5100UE or equal), cable runs up to 1,000 feet.(Belden #5100UE or equal), cable runs up to 1,000 feet.
Network Capacity	Up to 96 sensors, 32 per channel Channel 1, 2, and 3
Visual Indicators	Power On — Green LED Warn — Red LED (blinks upon an event) Alarm — Red LED High Alarm — Red LED Fault — Yellow LED Tx Amber — LED (blinks when used) Rx — Green LED (blinks when used)
Outputs	
Relays	4 DPDT relays 5A, 30 Vdc or 250 VAC/30 VDC Field selectable: energized/de-energized Red LED for each relay for alarm indication: One common warn gas alarm One common alarm gas alarm One common high gas alarm One common fault alarm
Communication	BACnet output only
Time Delays	0, 30, and 45 seconds, and 1 to 99 minutes before and after alarm
Enclosure	NEMA 4x, cast aluminum #A356.0T6, EMI/RFI protected
Over-voltage Category	II
Dimensions	24.1 x 35.6 x 8.9 cm (9.50” x 14” x 3.5”)
Weight	5.2 kg (11.4 lbs)

Find out more

www.honeywellanalytics.com

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