



Network Accessories

VA420I | VA201R | VA301AP | VA301AP

VA420I Converter

The VA420I communicates digitally with transmitters (VA201T, VA301D₂, VASQN8X, etc.), within a true daisy chain network, to convert the transmitters digital signals to analog outputs. This allows each transmitter to provide a 4-20mA signal to a BMS from one central location. The unit can accommodate up to 8 transmitters installed at distances of up to 2000 feet from the unit.

To avoid expensive DDC hook-ups and BMS software upgrades the unit even comes with internal logic that will provide either minimum/maximum/average reading for up to 16 transmitters.

- Easy installation through daisy chain hook-up (RS-485)
- Provides dedicated 4-20mA outputs for up to 8 transmitters or either Min/Max/Avg for up to 16 transmitters
- Fully compatible with the VA201T and VA301D₂ series as well as the VASQN8X
- Communicates with transmitters at distances of up to 2000 feet

VA201R Relay Module

The VA201R acts as an output to the VA201C/VA301C. The Relay Module provides up to 8 relays (DPDT 5A, 30 VDC or 250 VAC resistive load) for the indirect activation of fans, louvers, etc at programmable alarm levels. Since the relay module is an output to the controller it can be located at any point within the gas detection network.

- Fully compatible with the VA201C/VA301C Controller
- Offers either 2, 4 or 8 DPDT relays
- Easy daisy chain installation (RS-485)
- LED visual indication of status next to each relay

VA301AP Annunciator Panel

The VA301AP is Vulcain's latest generation of remote annunciator panels incorporating all of the previously existing functionalities, such as easy to read visual indicators, multiple alarm level displays and fault alarms. With its VA301AP, however, Vulcain is now offering end-users fully automatic recognition of sensor readings from the VA301C controller, with absolutely no user programming required. Other key features of the new unit include:

- Three relay outputs for added functionality
- Audible alarm
- Easy to read visual status indicators and LCD display
- Robust RS-485 MODBUS communication interface

VASQNA Annunciator Panel

The VASQNA remote annunciator panel provides an efficient interface between the gas transmitters and the VA201C controller. It provides visual indicators, multiple alarm levels and fault alarm within a location. The unit allows users to "listen" in to the gas network.

- Operates within a fully addressable gas monitoring system (RS-485)
- Audible and visual alarms
- 3 DPDT relays
- LED of unit status
- LCD display and keypad



Protecting your health and your environment.

Network Accessories



For further information:

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VN1074-01-01-00-8.25x11-20041115-5595-7

VA420I SPECIFICATIONS

POWER REQUIREMENTS: 17-27 VAC, 24-38 VDC
NUMBER OF INPUTS: One RS-485
NUMBER OF OUTPUTS: 8 dedicated 4-20 mA outputs
1 min/max or average for up to 16 different transmitters
HUMIDITY RANGE: 0-95% RH, non condensing
OPERATING TEMPERATURE: 0°C to 40°C / 32°F to 104°F
DIMENSIONS: 8.4 x 8.6 x 2.5 inches / 21.3 x 13.4 x 5.7 cm
WEIGHT: 3.5 lbs / 1.58 kg
MAXIMUM DISTANCE BETWEEN CONTROLLER AND CONVERTER: up to 2000 feet

ORDERING INFORMATION
Description: Digital Converter
Part Number: VA420I

VA201R SPECIFICATIONS

certified to UL and CSA standards

POWER REQUIREMENTS: 17-27 VAC, 24-38 VDC
NUMBER OF OUTPUTS: 2, 4 or 8DPDT relays
RATING: 5 amps, 30 Vdc or 250 Vac (resistive load)
VISUAL INDICATOR: 1 status LED next to each relay
MAXIMUM DISTANCE BETWEEN CONTROLLER AND CONVERTER: up to 2000 feet
HUMIDITY RANGE: 0-95% RH, non condensing
OPERATING TEMPERATURE: 0°C to 40°C / 32°F to 104°F
DIMENSIONS: 8.4 x 8.6 x 2.5 inches / 21.3 x 13.4 x 5.7 cm
WEIGHT: 3.5 lbs / 1.58 kg

ORDERING INFORMATION
Description: Relay Module
Part Number: VA201R-X= number of relays (2,4,8)

VA301AP SPECIFICATIONS

certified to UL and CSA standards

POWER REQUIREMENTS: 17-27 VAC, 24-38 VDC
NUMBER OF OUTPUTS: 3 DPDT relays
RATING: 5 amps, 30 VDC or 250 VAC (resistive load)
HUMIDITY RANGE: 0-95% RH, non condensing
OPERATING TEMPERATURE: 0°C to 40°C / 32°F to 104°F
AUDIBLE ALARM: 65 dB at 3 feet
DIMENSIONS: 8.4 x 8.6 x 2.5 inches / 21.3 x 13.4 x 5.7 cm
WEIGHT: 3.5 lbs / 1.58 kg

ORDERING INFORMATION
Description: Annunciator Panel
Part Number: VA301AP

VASQNA SPECIFICATIONS

certified to UL and CSA standards

POWER REQUIREMENTS: 17-27 VAC, 24-38 VDC
NUMBER OF OUTPUTS: 3 DPDT relays (2 alarm, 1 fault)
RATING: 5 amps, 30 VDC or 250 VAC (resistive load)
HUMIDITY RANGE: 0-95% RH, non condensing
OPERATING TEMPERATURE: 0°C to 40°C / 32°F to 104°F
AUDIBLE ALARM: 65 dB at 3 feet / 1 m
NUMBER OF ZONES: 32
DIMENSIONS: 8.4 x 11.0 x 2.0 inches / 21.3 x 26.1 x 5.0 cm
WEIGHT: 3.5 lbs / 1.58 kg

ORDERING INFORMATION
Description: Annunciator Panel
Part Number: VASQNA

certified to UL and CSA standards

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