



# 8 OR 12 CHANNEL ANALOG CONTROLLER

Gas Detection For Life

AC-7400



## Features

- 8 or 12 Channel Wired Monitor That Supports Any 4-20 mA Wired Sensor
- 12 to 35 VDC Operating Voltage with an Optional AC Power Supply
- Operating Temperature Range of -40°C to +70°C
- Graphical LCD with LED Backlight
- 5 Push-Button Interface (ADD, MENU, SUB, SCAN/HOLD and RESET/ESC)
- 4 Individually Configurable Alarm Set-Points - Four Front Panel ALARM LED Indicators (Red); 4 Dry-Contact Relays (4 Amps Maximum per Relay)
- Status LEDs for Power and Fault - Multi-Color Status Light; Amber Fault LED for Indicating System Faults
- Output options: Wet contact DC fault terminal, relay 4 can optionally be configured as a fault relay, RS-485 Modbus
- NEMA-4X Standard fiberglass enclosure with clear window
- 1-Year limited hardware warranty

The AC-7400 Controller is a versatile wired monitor that comes standard with DC power and can be configured with AC power supply. Four relays can be individually set up to the full scale of the channel and may be set up to either latching or non-latching. Supports up to 8 or up to 12 individual 4-20 mA wired sensor assemblies that can monitor and display a variety of toxic gases, leading to safer working environment.

Product Specifications	
Product Type	8 or 12 Channel wired gas monitor controller
Operating Voltage	12V to 35V DC or 120V AC
Current Draw	300 mA maximum (8 channel) 325 mA maximum (12 channel)
Protection	Power electromagnetic interference (EMI) filter 4-20 mA surge suppression RS-485 and RS-232 surge suppression
Display Screen	160 x 104 Resolution graphical LCD screen transfective (sunlight readable) with LED back light
Interface	5 Push-buttons (MENU, ADD, SUB, SCAN/HOLD and RESET/ESC)
Product Mounting	4 Mounting feet, 6 in. W x 12-1/4 in. T (included) maximum mounting bolt/screw size of 5/16 in. (8mm) diameter
Temperature Range	-40°C to +70°C
Product Compatibility	M2A, S2, GD-70D, T2A, T3A, VOC Pro transmitters
Wired (Analog) Input	Up to 8 analog inputs, 4-20mA, for Model AC-7408, or up to 12 analog inputs, 4-20mA, for model AC-7412
Relays	<ul style="list-style-type: none"><li>• 4 Dry-contact relays with 4 amp replaceable fuses</li><li>• Fault terminal</li><li>• Optional to disable alarm relay</li><li>• Latching and non-latching relay settings</li></ul>
Enclosure Materials	NEMA-4X enclosure with clear window
Product Dimensions	12 in. L x 10 in. W x 6 in. H (Max. dimensions with attachments)
Total Weight	12.15 lbs
Hardware Warranty	1-Year limited

Specifications subject to change without notice.

Made in the USA



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