CONTROL PANELS

GM ADDRESSABLE CONTROLLERS

Addressable controller range

This range of three addressable gas detection controllers are easy to configure and are very user friendly, offering a live feed of communication and a variety of data insights.

Crowcon's range of GM Addressable Controllers comes in three variations, all with identical functionality, but with different channel input capabilities:

- GM16: 1-16 Channel inputs
- GM64: 1-64 Channel inputs
- GM128: 1-128 Channel inputs

All available as 19" rack mounted, with enclosure options available for GM16 & GM64.

All of our addressable gas detection controllers are modular, so the controller can be configured exactly to requirements. They only include what is needed for the application to reduce complexity and cost.

With the ability to group channels into zoned areas, data can be viewed in a variety of ways to provide comprehensive insight into the safety of your site. From 3-minuite trends of one channel to an analysis of up to 16 channels at a time, with direct to web page live feed communication for remote viewing, you can feel confident you have full visibility and control of your environment at all times.

FEATURES

Modular design

- Modular design
- Select how controller is configured
- Choose the configuration for your application: Select how may channel inputs are required
- Channel input communication type (MA, MV or Addressable): Select how many relay outputs are required
- Reduce complexity and cost by only including what is required for your application

Multiple Display Options

- Display all active channels on the same screen
- Ability to combine channels into zones and view up to 8 zones simultaneously on one screen
- Trends screens allows view of last 24 hours or last 30-minute gas readings (current, max, min and average)

Multiple communication options

- 4-20mA analog, RS-485 MODBUS and HART enabled communications as standard

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SPECIFICATIONS

ENCLOSURE MATERIAL	Fibreglass
DIMENSIONS	Small enclosure: 406.4 x 334.3 x 215.9mm (16.00 x 13.16 x 8.50ins) Large enclosure: 612.4 x 687.3 x 241.6mm (24.11 x 27.06 x 9.51ins)
WEIGHT	Small enclosure: 7.7Kg (17lbs) Large enclosure: 25Kg (55lbs)
INGRESS PROTECTION	NEMA 4X
POWER	Typical power use without detector heads is 20 to 50 Watts
ELECTRICAL OUTPUT	4-20mA 2 wire current sink 4-20mA 3 wire current source RS-485 Modbus RTU Relays 5 Amp 30 Volt RJ45 network connection
OPERATING TEMPERATURE	-20°C to +50°C
HUMIDITY	0 to 90% non-condensing
REPEATABILITY AND DRIFT	Digital channels – no controller variability Analog channels – <1% FSD change over a 1-year period
APPROVALS	May be used in a non-hazardous area as part of an intrinsically safe system
EMC COMPLIANCE	CE marked

Disclaimer
Due to ongoing research and product improvement, specifications are subject to change without notice. While every effort has been made to ensure accuracy in this document, no responsibility can be accepted for errors or omissions. Data may change, as well as legislation, and you are strongly advised to obtain copies of the most recently issued regulations, standards, and guidelines. This document is not intended to form the basis of a contract.

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