

MX43

4 or 8 lines analog and digital gas detection controller.
Up to 32 detectors max.



TECHNICAL FEATURES

8 lines analog and digital gas detection controller

LCD back-lit display:

- Display in video inverse in case of fault
- Customizable by user
- Bar graph with alarm threshold

Dimensions:

- wall-mounted 370 x 299 x 109 mm (14.6 x 11.8 x 4.3 inches)
- rack 19", 4U ; 482.8 x 177 x 192.5 mm (19.1 x 7 x 7.6 inches)

Ingress protection: IP55 (wall-mounted), IP31 (rack)

Power: 100-240 Vac 50-60 Hz or 21-28 Vdc, 112 W max

Consumption: 500 mA min (without module)

Battery: Embedded back up power supply in option (0.6 Ah)

Communication: RS-485 communication, proprietary protocol, 9600 Baud

Alarms:

- 5 alarm levels (A1, A2, A3, Overscale, Underscale) + Fault
- On instantaneous ou averaged values, rising or falling alarms, manual or automatic acknowledgement

Relays:

- 5 fully programmable alarm relays
- 1 fault relay (non-configurable)
- Dry contact relay

Approvals:

- EMC According to EN50270
- ATEX EN50271 and metrological performances according to EN60079-29-1
- Low Voltage Directive According to EN61010
- CSA Pending
- MTBF 20 years (4 lines, powered with 24 Vdc) 17 years (8 lines, powered with 24 Vdc)
- MED According to Marine Equipment Directive 96/98/EC. Fulfills the EMC requirements for installation in General Power Distribution Zone and/or Deck Zone.

INTRODUCTION

The **MX 43** is an analog and digital controller designed for the continuous measurement and control of the gases present in the atmosphere and for 4-20 mA or digital contact signal.

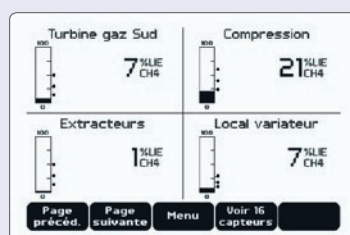
The **MX 43** digital technology allows up to 32 detectors to be distributed on 8 lines for increased cost savings.

The large graphic display and the smart keys make embedded menus simple to use.

With numerous optional accessories, the **MX43** controller is the best solution for several gas detection applications.



Normal Mode



In 4-channel display



Data-logging



Alarm mode