



Gas & Flame Detection

3M™ Oldham™ MX 43 Features & Benefits



The MX43 SIL-1 Certified Gas Detection Controller is an analog and digital controller that continuously measures and controls gases in the atmosphere. It manages both digital lines and analog channels and covers all needs for a wide variety of gas monitoring applications. Its digital technology allows up to 32 detectors to be distributed on eight lines for increased cost savings.

Features & benefits

- Two extra MOSFET outputs for driving the audible and visual alarms
- Five programmable events per detector (1 to 3 alarms, underscale, overscale) and fault event
- Large graphic and multi-language LCD back-lit display is easy to read
- Manages both digital lines and analog channels and covers all needs for a wide variety of applications
- Optional USB module provides a recording capacity of more than 2 years
- Front panel LEDs allows for a quick and basic overview of the installation
- The MX43's digital technology allows up to 32 detectors to be distributed on 8 lines for increased cost savings
- Smart keys make embedded menus easy to use

Applications

- Boiler room
- Food industry
- HVAC
- Automotive plants
- Steel Mills
- Waste water treatment
- Petrochemical
- Laboratories



Approvals

- EMC, according to EN50270
- MED, according to directive 96/98/EC.
- ATEX, EN50271 and metrological performances according to EN60079-29-1
- CSA, pending
- SIL1 capability according to EN50271:2010

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