

MX-SERIES ENGUARD

WALL-MOUNTED GAS DETECTION CONTROLLERS

FEATURES

- Independent Channel Operation
- Audio and Visual Alarms
- Microprocessor Based Electronics
- Utilizes SMC Technology
- Programmable Alarms & Relays
- 3 Alarms per Channel
- Digital System Display
- 4-20 mA Output per Channel
- Fault Alarm & Relay
- Alarm Status LEDs
- Provides 24 Vdc Loop Power
- Simple Wall-Mount Installation
- RFI and EMI Suppression
- CE Mark



MODEL MX-42A
1-4 Channels



MODEL MX-48
1-8 Channels

These instrument control modules can be used to power and monitor a variety of 24 Vdc, 4-20 mA, sensor/transmitters. They can be connected to any combination of up to four(MX-42A) or eight(MX-48) oxygen, toxic or combustible gas sensor/transmitters.



MX-SERIES ENGUARD

WALL-MOUNT CONTROLLERS

SPECIFICATIONS

MX-42A

Channels:	1-4 Independent Channels
Enclosure:	Shielded PVC Enclosure
Rating:	IP54 Ingress Rating
Display:	LCD
Weight:	11 lbs. (4.9 kg)
Size:	11 3/4"h x 13 1/2"w x 4 1/4"d (300 x 340 x 107 mm)

MX-48

Channels:	1-8 Independent Channels
Enclosure:	Painted Steel Enclosure
Rating:	IP65 Ingress Rating
Display:	Fluorescent, 2 lines, 16 characters, Fixed or Scrolling
Weight:	24 lbs. (11 Kg)
Size:	13 1/2"h x 19 1/2"w x 3 1/2"d (340 x 500 x 89 mm)

COMMON SPECIFICATIONS

Inputs:	4-20 mA, 24 Vdc, 2 or 3-wire sensor/transmitter
Loop Power:	24 Vdc provided
Outputs:	4-20 mA, per channel
Power:	110 Vac, 220 Vac or 24 Vdc
Audio Alarm:	Horn activated by 1st gas alarm, or fault
Relays:	2A, 250 Vac/30 Vdc, 2 per channel (1st & 2nd alarm). 1 system 3rd gas alarm. 1 system fault relay.

Programming, Relays/Alarms:
Relays can be programmed to be latching or non-latching. Alarm relays 1 and 2 can be programmed for special fan control time sequence. Relays 1 and 2 have a programmable time delay feature. System alarm relay 3 is programmable for time delay or average value activation.

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

