

# 4100 / 4400 Control Panel Gas Monitoring Controllers



- Complete 1-to-4 channel controller / gas monitoring system
- 110 VAC or 24 VAC
- Case-mounted horn / strobe
- Security lock
- Slim-line design

# 4100/4400 Fixed Systems Gas Warning Control Panel

The 4100 one-channel and the 4-channel 4400 gas warning systems offer safe and reliable gas detection.

## Alarm points

Each alarm can be adjusted separately. False alarms are eliminated with the adjustable alarm delay. The alarm point values can be freely adjusted within the detection range of the transmitter. Every alarm point value can be selected to be latching / non-latching or resettable / non resettable.

## Alarm relays

The controller provides four voltage-free relays for the three alarms in addition to one fault warning. The relays may be used

to control additional alarm devices like lights or horns. They can even prompt specific counter measures to prevent or limit dangers from gases or vapors.

## Additional features

The 4100 control panel stores peak values and offers an additional 4-20 mA output. The 4400 control panel offers the ability to connect up to 4 transmitters and comes standard with an additional 24 VAC output for solenoid control.

# Technical Data

## 4100/4400 control panels

### Gases

Depending on transmitter:  
Combustible / explosive  
Toxic gases and vapors  
Oxygen

### Detection range

Depending on requirements:  
% LEL, % volume, ppm

### Temperature range

-4 to +122°F / -20 to +50°C

### Power source

120 VAC / 60 Hz

### Input signal

4-20 mA

### Output signal

4100 - linear 4-20 mA

### Alarms

3 adjustable alarm points  
1 fault alarm

### Alarm functions

Exceeding / declining  
Latching / non-latching  
Resettable / non-resettable  
Hysteresis adjustable  
Delay-time 0 to 2 minutes  
Alarm thresholds completely adjustable  
Alarm allocation (4400)

### Relay outputs

4 voltage-free relays for alarm and fault  
Normally closed contact (NC)  
Normally open contact (NO)  
Load: 250 VAC, 4 A

### Display

3-digit LED display  
1 LED green - operational status  
1 LED yellow - fault  
3 LEDs red - alarm

### Function keys

Push-button operation for alarm points, calibration, function test and relay test

### Models

4100-single channel  
4400-one to four channels

### Power supply module

4100 - 24 VDC  
4400 - 24 VDC / 24 VAC

### Weight

14 pounds (64 g)

### Dimensions

12x12x3.5 inches (305x305x89 mm) (HxWxD)

Specifications subject to change without notice.

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