



## **FX-1 Mini Single Channel Toxic Gas Detector**

The FX-1 is a single gas, wall mounted, continuous gas leak detector for toxic gases or oxygen. Each detector utilizes proven electrochemical sensor technology to detect gas or oxygen in the low parts per million (ppm) or percent (%) of oxygen levels.

During normal operation, a green LED illuminates, confirmation that the unit is functional. Two alarms, Warning and Danger, are provided with each indicating a specific concentration of gas. The warning alarm illuminates the yellow LED, and the Danger alarm illuminates a flashing red LED, sounds the audible alarm, and engages a 10 amp relay for external alarm devices.

Housed in a NEMA 4X fiberglass enclosure, the FX-1 is easy to install and operate. This detector has one special feature that enables its alarms to be tested, silenced and reset remotely by shining a flashlight on the front panel or by manually pressing a button on the side of the unit

### **PRODUCT FEATURES**

- **ALL-IN-ONE ELECTRONICS SENSOR PACKAGE**
- **TWO ALARM LEVELS - WARNING AND DANGER**
- **FLASHLIGHT TEST, SILENCE, AND RESET OF ALARMS**
- **AUDIBLE AND VISUAL ALARMS**
- **CELL FAILURE ALARM**
- **NEMA 4X FIBERGLASS ENCLOSURE**
- **LOW MAINTENANCE**
- **EASY INSTALLATION**
- **PROVEN ELECTROCHEMICAL SENSOR TECHNOLOGY**
- **MINI SIZE, ONLY 3 1/2" X 6" X 3 1/2"**
- **FAST RESPONSE FOR INCREASED SAFETY**
- **AUXILIARY RELAY**
- **UNIVERSAL POWER SUPPLY 115/230V, 50/60 Hz AC WITH MODULAR PLUG ADAPTER FOR THE U.S.**



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### SPECIFICATIONS

#### GENERAL

Measuring Principle	Electrochemical sensor
Response Time	Less than 8 seconds to full alarm
Audible Alarm	Pulsating Piezo Buzzer (100 dB)
Auxiliary Relay	Contact Danger - DPST 10A @ 125 VAC - latching
Auxiliary Outputs	Cell failure +12VDC (600 ohms minimum)
Warning	+12VDC (600 ohms minimum)
Power Failure	+12VDC (600 ohm minimum)
Drift	Less than 2% per month
Temperature Range	-20°C to +50°C (-4°F to 122°F)
Humidity Range	15-90% (non-condensing)
Power Supply	20 watt Universal AC remote transformer, 90 to 240 V 50/60 Hz, input, output 24VDC @ 0.83 amps. Interchangeable plug adapters. 115V US input plug adapter included as standard. UK, European & Australian adapters are available. 6-foot cord. CEC compliant. Hard Wire Module (optional)
Enclosure	NEMA 4X Fiberglass
Weight	5 lbs. (2.3 kg)
Dimensions	7" wide x 7.0" high (mounting plate) x 3.5" deep
Warranty	Electronics 1 year, toxic gas sensor 1 year



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