

# Model FX-2 Industrial Type Toxic Gas Detector

*"Single Channel"*



## FEATURES

- SINGLE OR DUAL CHANNEL
- PROGRAMMABLE RELAYS
- WITH OR WITHOUT DIGITAL DISPLAYS
- EASY TO READ CONTROL PANEL
- HIGH INTENSITY VISUAL - AUDIBLE ALARMS
- OPTIONAL 24VDC POWER FOR REMOTE LOCATIONS
- 4-20mA OUTPUT (OPTIONAL)
- SCADA SYSTEM READY
- ELECTRONICS ARE FIELD UPGRADABLE
- ONE TOUCH RESET - SILENCE SYSTEM
- SOLID PVC CONSTRUCTION
- WALL MOUNT OR DIN RAIL MOUNT
- HEAVY DUTY CLEAR ACRYLIC COVER
- ENCLOSURE SOLID O-RING SEALED
- EASY TO REACH CALIBRATION POINTS
- HIGH DENSITY ALL PVC ENCLOSURE
- SINGLE OR DUAL SENSOR PACKAGE
- SEALED LOCAL TEST BUTTON

## DESCRIPTION

The FX-2 deTEC is a feature-packed, industrial-grade, toxic gas leak detector. The high visibility design of the detector makes it easy to see in a room full of equipment, or an industrial environment. It is an affordable expandable device that is designed for long life under today's heavy industrial requirements, and is compact enough to take minimal wall space. The FX-2 can be configured as a single channel or a dual channel gas leak detector. Various gas types are available.

### Gas Types

- |                   |                 |
|-------------------|-----------------|
| Ammonia           | Nitric Dioxide  |
| Carbon Monoxide   | Nitric Oxide    |
| Chlorine          | Oxygen          |
| Chlorine Dioxide  | Ozone           |
| Hydrogen          | Sulphur Dioxide |
| Hydrogen Chloride |                 |
| Hydrogen Cyanide  |                 |
| Hydrogen Sulphide |                 |

# HIGHLIGHTS

# Model FX-2 Industrial Type Toxic Gas Detector



Single Channel with LED Display Shown.

# SPECIFICATIONS (Single Channel)

<b>Measuring Principle:</b>	3 electrode, electrochemical fuel cell
<b>Response Time:</b>	Less than 8 seconds to full alarm
<b>Drift:</b>	Less than 2% per month
<b>Temperature Range:</b>	-15° to 40°C (5° to 104° F)
<b>Humidity Range:</b>	15 - 90 % (non-condensing)
<b>Accuracy:</b>	0.1 PPM (@20 degree C)
<b>Resolution:</b>	0.1 PPM
<b>Sensor Expected Life:</b>	10 years, Oxygen 2 years
<b>Power Supply:</b>	110/ 220 VAC, 50/60 Hz Optional Remote Pack 100-240VAC, 25 watt one - 4-20mA output @ 300 ohms maximum
<b>4-20 mA Output (optional):</b>	Optional normally open switch
<b>Remote Reset:</b>	one - SPDT, (latching) contact rating 10 amps @ 125 VAC
<b>Auxiliary Relay (Danger Alarm):</b>	three - SPST, contact rating 0.5 amp @ 125 VAC one - SPDT, contact rating 10 amps @ 125 VAC
<b>Configurable Relays:</b>	<i>Configuration - Warning Alarm, Danger Alarm, Danger Alarm non-latching, Cell Failure, Danger Alarm latching, Confirm Reset</i>
<b>Instrument Mounting:</b>	Wall mount or DIN Rail
<b>Electronic &amp; Sensor Enclosure:</b>	NEMA 4X (PVC)
<b>Warranty:</b>	Remote Unit 2 years from date of factory shipment, see individual gas sensor data sheet for sensor warranty.



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