



FX-1504 Four Channel Gas Detector

"The Quad"



FEATURES

- Maintenance Free Sensors
- Quick Response Sensors
- Local Sensor Alarming
- Local Electronic Test Button
- Independent Digital Display for each channel
- NEMA 4X Enclosure
- 2 Alarm Levels for each channel
- Audible Alarm
- Fault Indicator for each channel

Gas Type Available

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

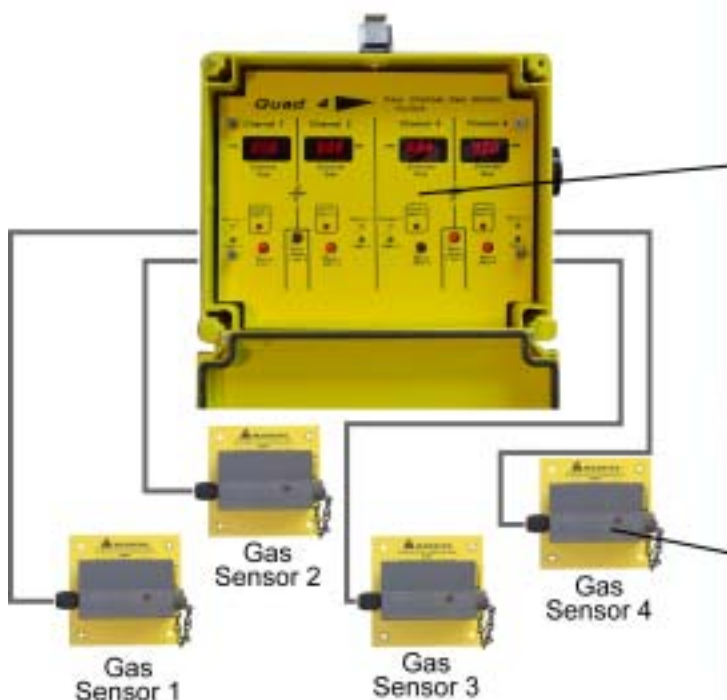
DESCRIPTION

The FX-1504 Four Channel Gas Detector, better known as *"The Quad"*, has the ability to monitor the air for the same or four different gases simultaneously. Each sensor sends a 4-20mA signal to the remote unit that reads in parts per million or percent of oxygen. With its high degree of reliability and advanced technology, the FX-1504 is considered one of the best systems on the market today.

The remote unit is equipped with a separate LED digital display for each channel and an audible alarm which sounds when toxic gas levels reach the warning or danger levels. All channels alarm independently in the event of a toxic gas leak or low oxygen levels. The sensors can be placed as far away as 2000 feet permitting the remote unit to be located in an area that is out of harm's way.

Each sensor enclosure contains an electronic test button for local testing. Both the sensor and remote units are housed in a NEMA 4X enclosure to protect the electronics from corrosion and dirt.

HIGHLIGHTS



Each of the 4 channels includes

- Independent LED Display
- Warning Alarm
- Danger Alarm
- Sensor Fault Alarm
- Danger Alarm Silence Button
- Master Reset Button



Each sensor includes

- Local Test Button
- Local Danger Alarm LED

SPECIFICATIONS

Sensor Input:	Four
Sensor Input Signal:	4-20mA, 200 ohms
Sensor Distance:	25 feet standard cable length, 2000 feet maximum
Digital Display:	Direct PPM each channel
Auxiliary Relay:	DANGER Alarm, SPDT 10A @ 125VAC (<i>latching</i>) each channel Secondary relay provided - user selected SPST 10A @ 125 VAC
Audible Alarm:	Pulsating Piezo Buzzer (105 dB)
Power:	110/220VAC 50/60 hz @ 200mA
Optional Output for each channel:	4-20mA, 600 VDC per channel (4 maximum)
Response Time:	Less than 8 seconds to full alarm
Accuracy (ppm @20° C)	0.1 ppm
Resolution: (ppm @20° C)	0.1
Repeatability:	2%
Temperature Range Continuous:	+5° to 104° F (-15° to 40°C)
Operating Humidity:	15 - 90% non-condensing
Remote Enclosure:	NEMA 4X - 9" high x 12" wide x 6" deep
Sensor Enclosure:	NEMA 4X - 3" high x 5" wide x 3" deep
Warranty:	2 years (<i>electronics only</i>)
Sensor Warranty:	Varies depending on gas type (<i>See Toxic Gas Sensor Specification Sheet</i>)



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