

Gasoline Fume Detection

FIREBOY - XINTEX
Marine Safety Systems

DATA SHEET

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Product Description

Fireboy-Xintex, an ISO9001-2008 company offers a comprehensive line of Gas Detection products and accessories. Designed in-house by our team of engineers, these products cover a wide range of marine,

transportation and commercial applications. Fireboy-Xintex provides application-specific sensors and monitors that will safely detect carbon monoxide, gasoline, or propane fumes before they reach the hazardous stage.



M-1 Gasoline Fume Detector
An ideal single-channel gasoline fume detector. Features high-tech styling, compact 51mm diameter size, circuitry "Test" and alarm horn "Mute" functions.

The power on indicator lamp automatically increases in brightness in daylight and softens at night. The 90 dB alarm will sound when 18-20% LEL gasoline fumes are detected. Comes complete with one MS-2 sensor with 6m of lead cable. Available standard in black.



MB-1 Gasoline Fume Detector
All of the advanced features of the M-1, but with the added safety of a 10 amp relay to automatically start the bilge blower fan should fumes be detected. Installation

requires only the addition of two wire leads from the control to the blower switch. To test, simply touch the "Test" pad on the control; the red alert lamp will glow, the alarm horn will sound and the blower motor will start. The system works with power requirements of up to ten amps at 12 VDC. Blowers up to 30 amps require an external relay, model MB30-RLY.



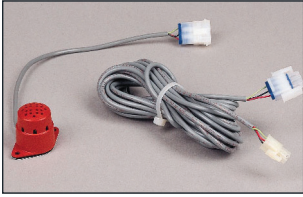
M-2A Gasoline Fume Detector
A microprocessor controlled, two-channel gasoline fume detector in a low profile, water resistant design. Features "Test" functions for each

sensor. Illumination of the amber fault light indicates a sensor malfunction. The red LED will illuminate and the 75 dB alarm will sound when 18-20% LEL is reached. The "Alarm Silence" function deactivates the alarm horn. The system is calibrated to eliminate most nuisance alarms while allowing enough time to take action. Includes one MS-2 sensor and 6m of lead cable. A second sensor is optional and sold separately. Display size is 121mm x 95mm x 22mm.



MB-2 Gasoline Fume Detector
Includes all of the features of the M-2A plus automatic bilge blower control for added safety. The red LED will illuminate, the 75 dB alarm will

sound, and the bilge blower will activate automatically when a fume level of 18-20% LEL is reached. The bilge blower will remain on until the fume level is safely lowered. The illumination of the amber fault light indicates a sensor malfunction. The system also includes a "Test" button to confirm that each sensor is functioning properly. A 30 amp relay is included for installation. One MS-2 sensor and 6m of lead cable are included. A second sensor is optional and sold separately. Display size is 121mm x 95mm x 22mm.



MS-2 Sensor

Detects propane/LPG, CNG, gas fumes. Quick-disconnect cable for easy installation and maintenance. Lead from the sensor is 12", additional 20' cable included. Longer sensor cables available from 25' to 100'. Sensor to be mounted near ground for propane/LPG installations. Compatible with current model Xintex fume detectors only.



CNV-12-1 Voltage Reducer

For use when installing 12 VDC devices where on-board power suppliers are 24 or 32 VDC. Provides 1.25 amp output at 12 VDC. May be used with any device requiring 12 VDC with 1.25 amps or less input.

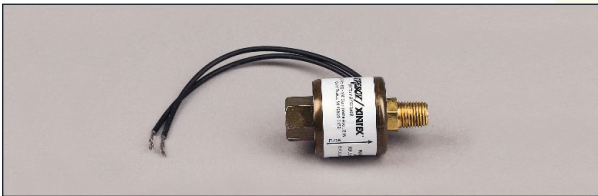


RH-1 Remote Horn

This 95 dB horn enables alarming in a remote location. Ideal for locations with extreme ambient noise or for the hearing impaired. For use with M-2A and MB-2 only.

MB30-RLY
Auxiliary Relay

Thirty amp, single-pole double-throw relay for extra heavy loads. For use with the MB-1, MB-2 and S-2A only.

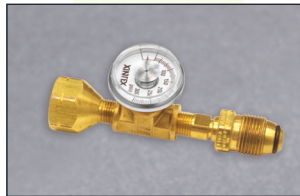


Solenoid Valves

Operates on 12 VDC. Opens/closes flow of propane when powered. Automatically closes with low or no current for added safety.

SV-1: 1/4" female NPT inlet, 1/4" male NPT outlet. Includes 3/8" Male Flare x 1/4" Female NPT brass fitting (PF-5446). Rated for 0-312 psi. Orifice size is 0.110". UL Listed.

SV-2: 3/8" solenoid valve for use with C-1, S-1A and S-2A. Operates on 12 VDC. Opens the flow of propane when powered and automatically closes with low or no current for added safety. 3/8" female NPT inlet, 3/8" female NPT outlet. Rated for 0-350 psi.



PA-5429 LPG Leak Test Adapter

Adapts non-marine LPG regulators to meet ABYC Standards. Installs between LPG cylinder and regulator or pigtail hose. Assembled with 300 psi pressure gauge. Brass male POL x female POL receptacle.