

## Make Your Gas System Safer Than Ever

High output  
95 db  
audio alarm

Clearly visible  
back-lit liquid  
crystal display



Easy to install  
surface or  
flush-mount  
 housings

Available with  
optional, second  
remote sensor

Clean, durable  
membrane  
switches for  
long life

Extremely low  
power  
consumption  
(130 mA)

Surface-mount shown – also available in flush-mount

EMA  
CONSUMER  
ELECTRONICS  
AWARD OF  
EXCELLENCE

**G**et continuous protection with automatic propane shut-off!

This gas detector monitors up to two remote sensors\*, allowing the detection of leaks in different locations at the same time. If there is a leak, the display flashes a warning and the audio horn pulses an alarm. After 32 seconds the gas supply automatically shuts off – and stays off – until you reset it.

This unit is simple to install, comes complete with the remote sensor head and cable, and is backed by a hassle-free 2 year parts & labour guarantee.†



# GS/6 Propane Detector

**E**lectro Systems has made boats and recreational vehicles safer for over 25 years. We have a complete line of propane detectors for you to choose from.

To find out more about our products, ask your local dealer, or contact us. We'll be glad to send you our current information.

## Installation

Once you have determined the mounting position for your detector, drill a 1/2"D hole in your dash or console, (surface-mount unit) and feed the sensor cable and power line through from behind. If you are installing the flush-mount unit follow the instructions on the template supplied. Connect the power, (red to positive via an in-line 2 Amp fuse, and black to negative) and plug the sensor connector into the socket. Connect each yellow lead to a length of 16 or 18 gauge wire long enough to reach the solenoid valve. Screw the detector down to your dash or console.









## Optional Sensors

An extra remote sensor can be added to allow detection of leaks in a second compartment. Ask your dealer for details.

## Connecting the Solenoid Valve

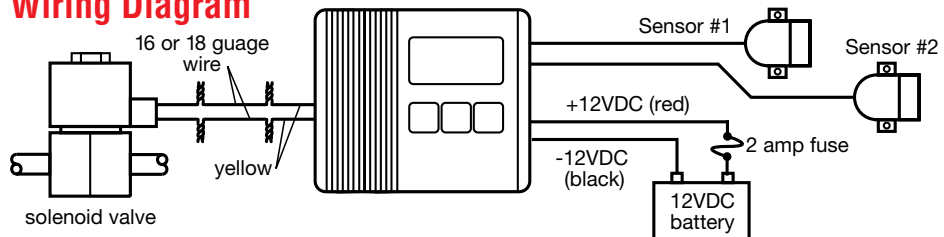
Install the propane valve on the low pressure side of the regulator with the feed line from the propane tank connected to the "IN" port. Connect the distribution line to the other port. Connect the two wires running from the yellow leads on the detector to the leads on the solenoid valve. Your installation is now complete!

## Operation

-  Press this power switch to activate the detector. When the unit is first turned on the horn is muted until the detector has warmed up.
-  This symbol will flash for approximately 10 seconds and the pulsed alarm will sound one pulse.
-  The display will show this symbol to indicate the propane valve is closed.
-  Press this propane switch to open the propane valve.
-  The display will show this symbol to indicate the propane valve in open.
-  If you have a leak, and the concentration reaches 15% to 25% of the lower explosive level, this symbol will flash on the display, the alarm will sound and the propane valve will close in 32 seconds.
-  Press this if you want to stop the alarm while you correct problem.
-  This detector also warns you when your battery is losing its charge. The display will show this symbol when the voltage drops to 10 VDC and the horn will give a short pulse every 8 seconds. If power drops to 8 VDC the propane is shut off and stays off until you reset it. This protects you from gas in the lines or unlit pilot lights once power is restored.

The detector can be tested by injecting gas (no flame) from a butane lighter for 5 seconds into the sensors. Perform this test weekly to ensure proper operation of the detector.

## Wiring Diagram



**Power requirements:** GS/6 with 1 sensor: 130mA; optional second sensor adds 85mA; when the solenoid is energized it adds 30mA.

After 30 seconds the intensity of the back lighting decreases to conserve energy and remains dimmed until there is an alarm or you touch any button on the keypad.

**Warning!** The sensor may become contaminated if it comes in contact with water: Keep it dry!

**Warranty:** 2 years against defects in workmanship or materials, exclusive of sensor.

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**ELECTRO SYSTEMS**

Electro Systems Inc.

USA: 3888 Sound Way  
Bellingham, WA 98227-9754  
T: 1.800.668.2254  
F: 1.800.661.4977

Canada: #8-415 Dunedin St.  
Victoria, BC V8T 5G8  
T: 250.385.0911  
toll free: 1.800.668.2254

F: 250.385.0733  
toll free: 1.800.661.4977

E: info@es-web.com  
www.es-web.com



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With FCC Standards

