

ONLY 130 mA
POWER SAVER
CIRCUIT DESIGN!

GS/7 Propane Detector

New Product!

Clearly visible energy-efficient LED indicators

High output 95 db audio alarm

Automatically shut off propane leaks



Surface-mount shown – also available in flush-mount

Easy to install surface or flush-mount housings

Clean, durable membrane switches for long life

Available with optional, second remote sensor

Extremely low power consumption (130 mA)

Get 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.†



* second remote sensor is optional † covers everything except sensor head.

GS/7 Propane Detector

Electro Systems has made boats and recreational vehicles safer for over 40 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.



Red LEDs for sensor 1 & 2 will alternate flashes during warm-up.



Press this propane switch to open the propane valve.



The yellow LED below this symbol will light to indicate the propane valve is open.



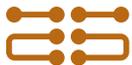
If you have a leak, and the concentration reaches 15% to 25% of the lower explosive level, the red LED below this symbol will flash, the alarm will sound and the propane valve will shut off in 32 seconds.



Press this switch if you want to stop the alarm while you correct the problem.

This detector also warns you when your battery is losing its charge. If the voltage drops to 10VDC and the horn will give a short pulse every 8 seconds. If power drops to 9VDC 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.



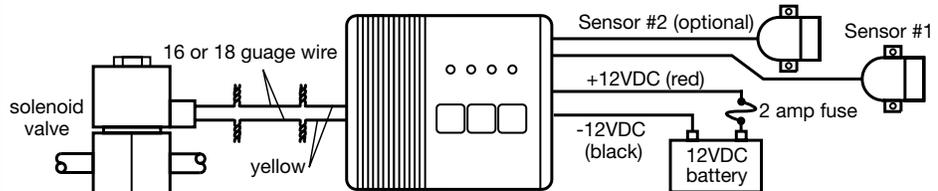
ELECTRO SYSTEMS

Electro Systems Inc.
#8-415 Dunedin St.
Victoria, BC
Canada 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

Wiring Diagram



Power requirements: GS/7 with 1 sensor: 130mA; optional second sensor adds 85mA; when the solenoid is energized it adds 130mA.

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.

Information contained in this brochure is subject to change without notice. This brochure is for information purposes only. Printed in Canada



FC Tested To Comply
With FCC Standards