

Hydrogen Gas Detector



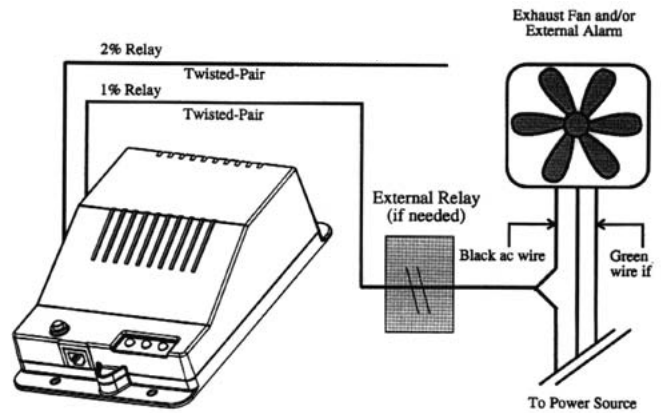
Lead-acid storage batteries emit hydrogen while gassing during charge. Hydrogen concentration of 4% to 75% by volume in air, is potentially explosive. The HGDI-DR hydrogen gas detector is designed to provide dissipation and warning before any concentration reaches the lower explosive limit (LEL) of 4%.

Benefits

- Protects against battery charging room explosions
- Inexpensive protection for your property and employees
- Decreases electricity costs as a result of controlled exhaust fan operation
- Reliable, uninterrupted 24/7 monitoring and control
- Both relays are SPDT (form C) and both sets of contacts are available to the user
- Relay 2 can be configured to be energized on start-up

Specifications

- 1% Concentration energizes a relay which activates your exhaust fan
- 2% Concentration activates a built-in, pulsating warning alarm
- 110/220 VAC; 50/60 Hz (24-60 VDC available upon request)
- 7" L x 4¾" W x 2½" D
- One Year Warranty



Optional Remote Display



The HGDI-REM is a small monitor box that duplicates the LED indicator lights, the audible warning buzzer, and the push-to-test button on the HGDI-DR hydrogen gas detectors. The HGDI-REM is connected to the remote hydrogen gas detectors with standard crossover six-wire telephone cables. It may be located up to 1000' away. 25' cable comes standard.

Features

- Small Size 3" x 5"
- Available for 1, 2, or 3 detectors
- Push-to-test button
- Three LED status indicators
- 80db warning buzzer

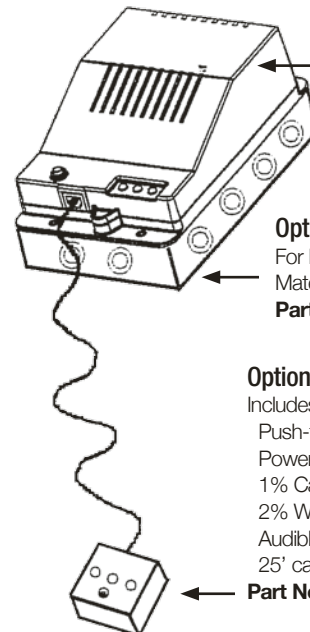
Ordering Information

Part No.	Description
HGDI-DR	Hydrogen Gas Detector (110/220Vac, 50/60Hz)
HGDI-DR-DC	Hydrogen Gas Detector (24-60Vdc)

Accessory Ordering Information

Part No.	Description
HGDI-REM	Remote display with 25ft cable
HGDI-JB	HGDI-DR junction box

Hydrogen Gas Detector Assembly & Accessories



Hydrogen Gas Detector
Mount on or near the ceiling.
Part No. HGDI-DR

Optional Steel Junction Box
For hardwiring through a conduit.
Mates with the gas detector box.
Part No. HGDI-JB

Optional Remote Display

- Includes:
- Push-to-Test Button
 - Power-On Green LED
 - 1% Caution Yellow LED
 - 2% Warning Red LED
 - Audible buzzer
 - 25' cable
- Part No. HGDI-REM**