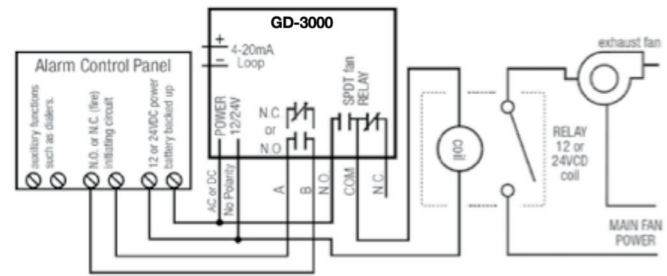


GD-3000



Combustible Gas Detector/Controller/Transducer Hydrogen, Propane or Methane Gas Detection

The **GD-3000** is a versatile, easy-to-use device that allows you to select between methane, propane or hydrogen gas detection. It provides low-level detection of combustible gas in an easy-to-maintain monitor that is factory calibrated for simple installation. This low voltage detector provides automatic feedback and fan control that can help reduce combustible gas concentrations in battery rooms, parking garages, maintenance facilities, and other locations that require combustible gas detection.



Alarm Control Panel Graph

FEATURES:

- Selectable (on/off) digital display, buzzer, fan delay (minutes), fan minimum run time
- Selectable fan and alarm relay activation
- Factory calibrated. Can also be field calibrated using 10% LEL Methane, 10% LEL Propane or 10% LEL Hydrogen gas, regulator and calibration hood
- One screw allows access for easy calibration
- Mounts on a standard 4" x 4" electrical box, no cover needed
- 5 A SPDT fan relay controls starters of exhaust fans
- 0.5 A N.O. or N.C. alarm relay connects to warning devices or control panels

- Supervised system design: internal detector problem will cause the fan & alarm relay to activate
- ETL Listed to UL 61010-1
- GD-3000 can be used with 12VDC or 24VDC N.O. (fire) panels
- Alarm panel provides battery backed up power to GD-3000
- GD-3000 dry contact fan relay can use panel power or fan power. Check ratings on panel and fan
- Match fan relay contacts to fan size, and coil voltage to power source
- Alarm control panels are available with many features and can control other devices such as smoke detectors, fire detectors and burglar alarms



- Kit Includes:**
- GD-3000
 - User Manual

GD-3000 SPECIFICATIONS

Accuracy:	±5% of the LEL reading up to 50% LEL
Power:	3 W (max) from 12 to 24 VAC or 12 to 48 VDC
Current @ 24VDC:	75 mA in alarm (two relays), 50 mA (fan relay only) and 23 mA stand by
Weight:	1 lb
Size:	4.5 x 4 x 2.125 in. (11.4 X 11.4 X 5.3 cm)
Connections:	Plugs/terminals
Mounting Box:	(Not included) 4x4 electric
Fan Relay:	5 A, 240 VAC, pilot duty, SPDT
Fan Relay Actuation:	Selectable at 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 (default), 11, 12, 13, 14, 15, 16, 17, 18, 19, 20% LEL
Fan Delay Settings:	0, 1, 3 (default), 5 and 10 minutes
Fan Minimum Run Time:	Settings are OFF (default), 3, 5, 10, 15 minutes
Alarm Relay:	0.5A 200 V, 10 VA
Alarm Relay Actuation:	Selectable N.O. default or N.C.
Alarm Relay Settings:	OFF, 5, 10, 15, 20 (default), 25% LEL
Current Loop:	4-20 mA for 0-50% LEL
Operating Environment:	0 °F to 125 °F (-18 °C to 52 °C) 10 to 90% R

ORDERING INFORMATION

No.	Part #	Description
1	GD-3000	Combustible Gas Detector, Controller and Transducer

**Contact Eagle Eye for optional calibration kits that allow the GD-3000 to be tested and field calibrated using Methane, Propane or Hydrogen gas.*