



Combustible Gas Detector



GD-1D

Dual-Level Combustible Gas Detector

FEATURES:

- Detects all heating gases including: Natural Gas, LP, Propane and Methane Gas.
- Ignition proof design.
- 12-24 VAC or VDC input
- High and Low level relays allow dual level alarm (Standard calibration is 10% and 25% of the LEL of Methane).
- Two N.O. sealed reed type dry contact relays.
- Easy Installation
- Little to no periodic maintenance required.
- Supervised / Fail-Safe system.

Special Calibrations Are Available
Contact Macurco for Availability

SPECIFICATIONS:

Size:	4½" x 4½" x 2"
Shipping Weight:	One Pound
Voltage Input:	9 to 30 VDC, 9 to 27 VAC
Current Draw:	120mA @ 12 Volts 60 mA @ 24 Volts
Color:	White
Relay Ratings:	0.5 Amps, 200 Volts
Temperature Range:	0 - 150° F
Coverage:	900 Square Feet

LOCATION NOTES:

- For *lighter* than air gases such as Natural Gas and Methane, mount one foot below the ceiling.
- For *heavier* than air gases such as Propane and LP, mount one foot above the floor.
- The GD-1D must not be mounted in corners, as this might be dead air space.
- Spacing for the Macurco GD-1D is the same as smoke detectors, 30 foot centers / one unit per 900 s.f.

Manufactured By:

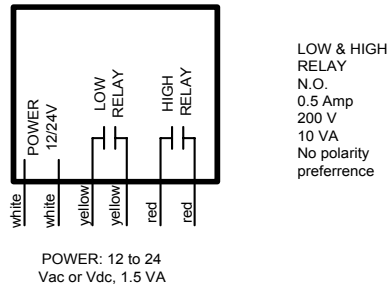
Macurco

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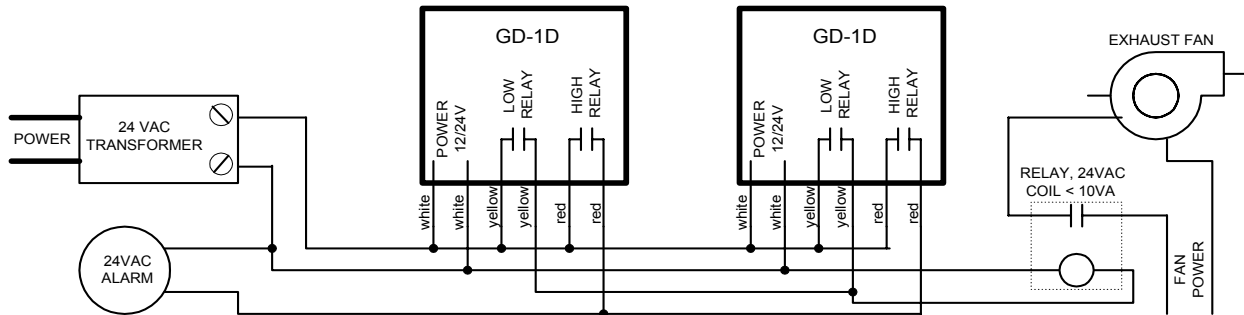
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Wiring Diagram and Specifications

GD-1D COMBUSTIBLE GAS DETECTOR CONNECTIONS



MULTIPLE GD-1Ds CONTROLLING A LOW LEVEL EXHAUST FAN AND A HIGH LEVEL ALARM.



NOTES:

1. The fan relay contacts must be matched to the fan motor power. The GD-1D relay can only switch up to 10 VA.
2. Consult Location Notes on front for mounting heights and recommended spacing
3. Match the transformer size, in VA to the total 24 VAC load.