





Whether you are looking for gas detection for a security system, building automation or HVAC system, for personal safety or for monitoring specific gases in potentially hazardous environments, Macurco has a gas detector to meet your needs.





#### CM-E1 (Carbon Monoxide)



GD-2B (Combustible Gas)



GD-2A (Combustible Gas)



# **Security Series**

### Residential / light commercial carbon monoxide & combustible gas detectors

The Macurco Security Series are reliable, lightweight and aesthetically pleasing gas detectors made to keep you and the people you care about safe from harmful gases in residential and light commercial applications. The Macurco CM-E1, GD-2B, GD-2A and HD-11 are low voltage gas detectors designed for use with fire and security systems. The CM-E1 and GD-2A are UL 2075 Listed for use in residential and commercial applications and are also approved by the California State Fire Marshal.

### **Key Features**

- Low replacement costs with long life sensors
- Low maintenance with no calibration needed
- Local alarms (CM-E1 & GD-2B only)
- Clip in wire harness (CM-E1 & GD-2B) for in and out replacement
- Aesthetically pleasing. Flush mount or surface options for (CM-E1 & GD-2B)
- Ties into any Fire/Burglary panel for local and remote monitoring
- Made in America

#### **Applications**

- Homes
- Schools / university dorms
- Hotels / condos
- Offices
- Retail stores
- Common rooms / lobbys
- Apartments
- Airports
- Other light commerical environments

## **Security Series**



### **Specifications**

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Size	<i>CM-E1</i> & <i>GD-2B</i> 3.25"(H) x 5.25"(L) x 1.75"(W)
	GD-2A & HD-11 4.5"(H) x 5"(L) x 1.62"(W)
Shipping Weight	~ 1 lb. (~16 oz.)
Voltage	CM-E1 9-32 VDC
	GD-2B 9-32 VDC or 12-24 VAC
	GD-2A & HD-11 9-32 VDC or 12-24 VAC
Sensor Life	CM-E1 & GD-2B 10 years w/EOL
	GD-2A & HD-11 7 to 10 years
Operating Temperature	CM-E1 & GD-2B 40°F to 100°F (4.4°C to 37.8°C
	GD-2A & HD-11 32°F to 120°F (0°C to 48.9°C)
Current Draw	CM-E1 (Normal/alarm) 15mA/35mA @ 9-32V
	GD-2B, GD-2A & HD-11 - See user instructions
Relays	CM-E1 & GD-2B
	Alarm Relay: SPST, 100mA, 40VDC
	Trouble Relay: SPST, 100mA, 40VDC
	GD-2A & HD-11
	Alarm Relay: .125 A, 40 V, 3 VA
	Trouble Relay: .250 A, 40 V, 10 VA
Status Indicators	CM-E1 & GD-2B
	LED (Red alarm, amber trouble, green normal)
	Local buzzer
	GD-2A & HD-11
	LED (Red alarm, green normal)
Alarms	CM-E1 UL Standard 2034
	GD-2B & GD-2A Per UL 1484, 25% LEL
	HD-11 Alarm Set Point: 10% LEL hydrogen gas
Approvals /	CM-E1 UL 2075 Listed. Tested to 2034
Certifications	sensitivity limits for carbon monoxide
	GD-2A UL 2075 Listed. Tested to 1484
	standard for residential gas detectors
	GD-2B Sensitivity tested based on UL 1484
Warranty	Two Year Limited Warranty

\*Please read manual for more specifications

### **Ordering Information**

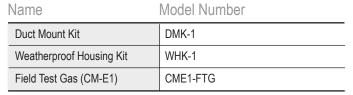
Gas	Model Number
Carbon Monoxide (CO)	CM-E1
Natural Gas (NG) or Propane (LP)	GD-2B
Natural Gas (NG) or Propane (LP)	GD-2A
Hydrogen (H <sub>2</sub> )	HD-11

### Mounting



CM-E1 and GD-2B can be mounted on a single gang box

### Accessories



GD-2A and HD-11 can be

mounted on a double

gang box



Duct Mount Kit



Weatherproof Housing Kit



Field Test Gas (CM-E1)

Macurco

Since 1972 Macurco has been providing gas detection solutions for various applications. Macurco provides the highest quality gas detection solutions to customers worldwide.



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