

Macurco™

BUILDING & HOME SOLUTIONS



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.

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.



CM-E1 (Carbon Monoxide)



GD-2B (Combustible Gas)



GD-2A (Combustible Gas)



HD-11 (Hydrogen Gas)

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 / lobbies
- Apartments
- Airports
- Other light commercial environments

Security Series

Specifications

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

Mounting



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



GD-2A and HD-11 can be mounted on a double gang box

Accessories

Name	Model Number
Duct Mount Kit	DMK-1
Weatherproof Housing Kit	WHK-1
Field Test Gas (CM-E1)	CME1-FTG



Duct Mount Kit



Weatherproof Housing Kit



Field Test Gas (CM-E1)