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.

CM-E1

CM-E1
(Wall mount surface mount)

CM-E1
(Round housing flush mount)

Residential / light commercial carbon monoxide detector

The Macurco CM-E1 is a reliable, lightweight, and aesthetically pleasing gas detector made to keep you and the people you care about safe from harmful gases in residential and light commercial applications. It is a low-voltage gas detector designed for use with fire and security systems. The CM-E1 is UL 2075 Listed for use in residential and commercial applications and is also approved by the California State Fire Marshal.

Key Features

- Low replacement costs with long-life sensors
- Low maintenance with no calibration needed
- Local alarm – Temporal 4 Sounder
- Clip in wire harness for in and out replacement
- Aesthetically pleasing. Flush mount or surface options
- 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

Specifications

Size	Rectangle Flush: 3-1/8" x 5-1/8" x 1/3" Rectangle Surface: 3-1/8" x 5-1/8" x 1-1/2" Round Flush: 6-1/5" x 6-1/5" x 3/10" Round Surface: 6-1/5" x 6-1/5" x 1-3/5" *Base sold separately*
Shipping Weight	0.5 lb. (8 oz.)
Voltage/ Current	9-32 VDC
Sensor Life	10 years w/EOL
Operating Temperature	40°F to 100°F (4.4°C to 37.8°C)
Current Draw	(Normal/alarm) 15mA/35mA @ 9-32V
Relays	Alarm Relay: SPST, 100mA, 40VDC Trouble Relay: SPST, 100mA, 40VDC
Status Indicators	LED (Red alarm, amber trouble, green normal)
Local Buzzer	85 dB at 10' Alarm - Temporal 4, Trouble – single chirp
Alarm Levels	Per UL 2034 - 70 ppm @ 60-240 mins. - 150 ppm @ 10-50 mins. - 400 ppm @ 4-15 mins.
Test Button	Local Test, Alarm Test, Gas Test, Silence
Approvals / Listings	UL Listed 2075 E354878, CSFM
Warranty	Two year limited warranty

*Please read manual for more specifications

Ordering Information

Model	Description
CM-E1	Wall Mount - Rectangle surface/flush mount
CM-E1 Round Flush Mount	Round flush mount (purchase round surface base mount separately)
CM-E1-FTG	Carbon Monoxide 500 PPM Field Test Gas
CM-E1-IAK	Double gang adapter plate use with the CM-E1 wall mount
CM-E1/GD-2B Round Base Housing	Round base surface mount option

Mounting

Wall Mount Flush Mount

Wall Mount Surface Mount

Ceiling Mount Flush Mount

Ceiling Mount Surface Mount

Wiring Diagrams

Made in the USA

ISO 9001:2015 CERTIFIED

MACURCO
GAS DETECTION

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