

RE-386CO

CONVENTIONAL CARBON MONOXIDE(CO) GAS DETECTOR

General

RE-386CO Conventional gas (CO) detector is one of the most advanced design used to detect toxic carbon monoxide gas, engineered with electrochemical sensor.

RE-386CO conventional gas (CO) detector are suitable for use with conventional fire detection control panel as well as addressable fire detection control panel that can accept conventional type detectors through zone Module.

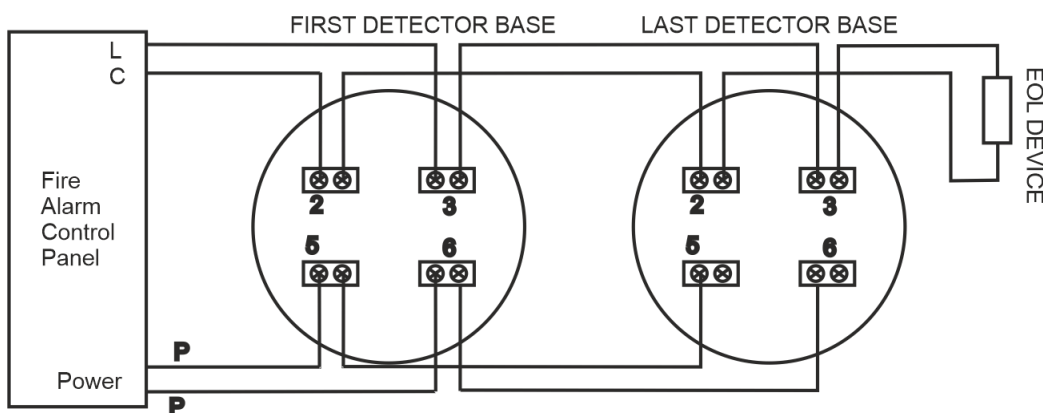
Advanced electronics in conjunction with a semiconductor gas sensor provides early detection of carbon monoxide (CO).

Features

- Advanced algorithms provide advanced detection, discrimination.
- Stable gas sensing chamber (No adjustment or replacement required).
- High immunity against unwanted alarms.
- Surface-mount device (SMD) circuit board design.
- 4-wire system operation.
- Detector auto-reset once gas levels fall below alarm threshold levels.
- Internal reed switch for hush and test functions.
- N/O alarm relay output.
- Easy installation. No programming required.
- Connects to Zone Module for use with addressable control and indicating equipment.
- Sleek low-profile housing design.
- Low maintenance.



Wiring Detail



Specification

	Specification
<i>Operating Voltage</i>	21 - 27 VDC
<i>Start-up current</i>	≤ 120mA
<i>Start-up time</i>	≤ 10min
<i>Quiescent Current</i>	20 mA
<i>Alarm Current (max)</i>	75 mA
<i>Sampling Time</i>	3s - 5s
<i>Reset Voltage</i>	≤ 1 V
<i>Reset Time</i>	≤ 5s
<i>Alarm response threshold</i>	70 µL/L for 60 min ~ 240 min
	150 µL/L for 10 min ~ 50 min
	400 µL/L for 4 min ~ 15 min
	50 µL/L for 60 min ~ 90 min
	100 µL/L for 10 min ~ 40 min 300 µL/L for < 3 min
<i>Alarm relay</i>	SPST. N/O 1.0 A @ 30 VDC / 0.5 A @ 125 V AC
<i>Auto reset time</i>	< 30s
<i>Sounder output</i>	≥ 70 dB @ 3m
<i>Operating temperature</i>	-10°C ~ 50°C
<i>Operating humidity</i>	0% - 98% RH, non-condensing
<i>Storage temperature</i>	-25°C - 80°C
<i>Quiescent condition indicator</i>	Single continuous emitting green LED
<i>Alarm condition indicator</i>	Flashing red LED
<i>Dimensions (excluding contacts)</i>	Ø100mm X 38 mm
<i>Ingress protection rating</i>	IP-32

Compatible Device

Model	Description
RE-314B	4 – Wire Detector Base
RE-717MZ	Addressable Zone Module

Ordering Information

Model	Description	Gas
RE-386CO	Conventional Carbonmonoxide Gas (Methane) Detector With Relay Output	CO

India

RAVEL ELECTRONICS PVT LTD.,
150A, Electronics Industrial Estate,
Perungudi, Chennai – 96, India.
E-mail: sales@ravelfire.com; Web: www.ravelfire.com

UAE

RAVEL DMCC,
Unit No: G30, DMCC Business Center,
Level No 13, AG Tower, Dubai, UAE.
E-mail: sales@raveldmcc.com

USA

RAVEL AMERICAS INC.,
2855 NW 112th Ave ST#2 Miami,
Doral, Florida 33172, USA.
E-mail: sales.us@ravelfire.com