

RE-386NG

Conventional Natural Gas (Methane) Detector



Product Overview:

RE-386NG Conventional Natural gas (methane) detector is suitable for use with conventional fire detection control panel as well as addressable fire detection control panel that can accept conventional type detectors through the Zone Module.

Advanced electronics in conjunction with a semiconductor gas sensor provides early detection of Natural Gas (Methane).



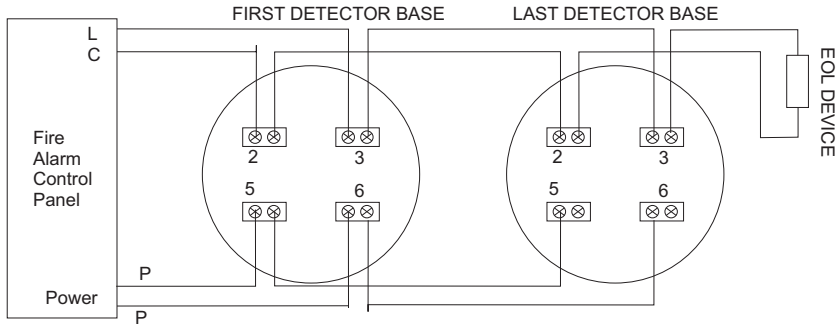
Features:

- 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 monitor for use with addressable control and indicating equipment.
- Sleek low-profile housing design.
- Low maintenance.

Specifications:

Operating Voltage	(21 ~ 27) VDC
Start-up current	120mA
Start-up time	10min
Quiescent Current	45 mA
Alarm Current (max)	60 mA
Sampling Time	3 s ~ 5 s
Reset Voltage	1 V
Reset Time	5 s
Alarm response threshold	0.25 LELCH4
Alarm relay	SPST. N/O 1.0 A @ DC 30 V / 0.5 A @ AC 125 V
Auto reset time	< 30s
Sounder output	70 dB @ 3m
Operating temperature	-10° C ~ 50° C
Operating humidity	0 % ~ 95 % RH, non-condensing
Storage temperature	-25° C ~ 80° C
Storage humidity	0 % ~ 98 % RH, non-condensing
Quiescent condition indicator	Single continuous emitting green LED
Alarm condition indicator	Flashing red LED
Dimensions (excluding contacts)	Φ 100mm X 38 mm
Ingress protection rating	IP-32

Wiring Diagram



Compatible Device:

Model	Description
RE-314B	4-wire Detector Base
RE-717MZ	Analogue Addressable Zone Module

Ordering Information:

Model	Description	Gas
RE-386NG	Conventional Natural Gas (Methane) Detector With Relay Output	CH4

India:

RAVEL ELECTRONICS PVT LTD.,
 (An ISO 9001 Company)
 150A, Electronics Industrial Estate, Perungudi, Chennai - 96 .India.
 E-Mail: marketing@ravelfire.com; Web : www.ravelfire.com

United Kingdom:

RAVEL ELECTRONICS LTD.,
 Unit 11, Chancel Industrial Estate, Newhall street,
 Willenhall WV13 1NX, West Midlands, United Kingdom.
 E-mail: info@ravelfire.co.uk ;Web: www.ravelfire.co.uk