

RE-386NG

CONVENTIONAL NATURAL GAS (METHANE) DETECTOR

General

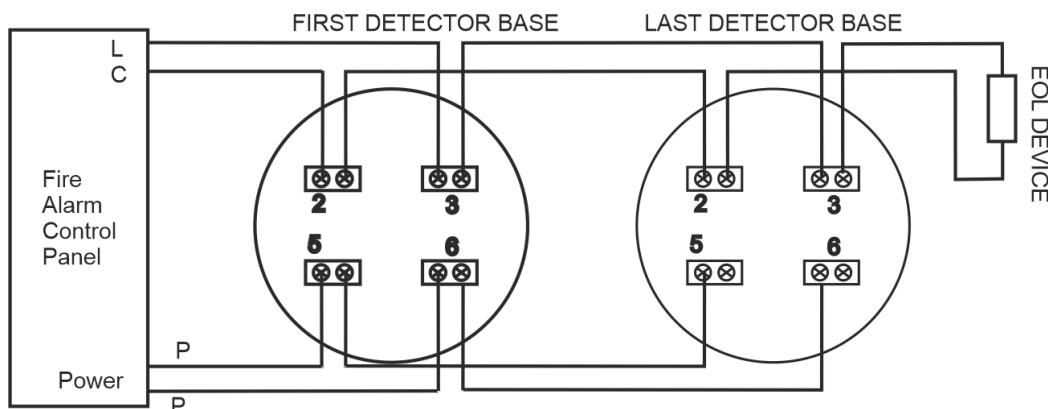
RE-386NG Conventional Natural gas (methane) detector is suitable for use with conventional fire detection control panel as well as addressable fire detection control panel that can accept conventional type detectors through the Zone Module. Advanced electronics in conjunction with a semiconductor gas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



Wiring Detail



Specification

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<i>Operating Voltage</i>	21 - 27 VDC
<i>Start-up current</i>	≤ 120mA
<i>Start-up time</i>	≤ 10min
<i>Quiescent Current</i>	45 mA
<i>Alarm Current (max)</i>	60 mA
<i>Sampling Time</i>	3s - 5s
<i>Reset Voltage</i>	≤ 1 V
<i>Reset Time</i>	≤ 5s
<i>Alarm response threshold</i>	≤ 0.25 LELC3H8
<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 % - 95 % 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-386NG	Conventional Propane Gas (Methane) Detector With Relay Output	CH4

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