C-9602LW-LPG

Conventional Liquid Petroleum Gas Detector

General

The C-9602LW is a wall mounted gas detector designed to detect leakage of LPG in houses, hotels and apartments. When a leak is detected the detector generates a high pitch alert sound and provides a dry contact for control of external equipment such as an exhaust fan, or a 12 VDC output to switch off a gas valve.

When the gas density goes below the preset value, the detector will automatically stop audible and visual signaling.

Detection Technology

The detector uses semiconductor gas sensing technology for stable operation and easy installation.



Details

- Mains powered
- Integrated self-diagnostics
- Integrated relay and powered outputs for external device control
- Built-in buzzer for audible notification of fault and alarm
- Manual reset and control of outputs

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Technical specifications

General

Status indication	Multicolour LEDs
User interface	LEDs and buzzer
Alarm levels	1
CO cell life	5 y

Electrical

Power consumption	≤3.0 W (standby) ≤5.0 W (alarm)
Operating voltage	187 to 253 VAC, 50/60 Hz

Detection

Detection principle	Electro-mechanical
Monitoring	Alarm threshold
Sensitivity	2000 × 10-6 (10% LEL)
Detectable gas	LPG

Output

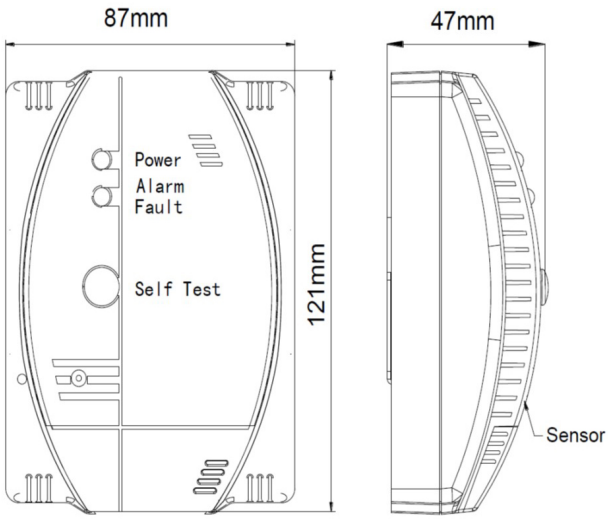
Output quantity	2
Output type and rating	N/O potential free relay 220 V @ 1 A, 12 VDC into 1000 µF

Physical

Physical dimensions	121 × 87 × 47 mm
Net weight	320 g
Colour	Ivory white
Mounting type	19" rack, Base mount, Wall mount
Material (body)	ABS
Fixing centres	15 mm

Environmental

Vandal proof	No
Operating temperature	-10 to +50°C
Relative humidity	≤95%, non condensing
Environment	Indoor
IP rating	IP30



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