

## Intelligent LPG Detector FCGD314LPG

### Overview

- Multi Level adjustable analogue LPG sensing technology
- Up to 100 devices per loop
- Low loop current and low stand by and alarm current
- Driven by ADEVA Protocol
- Available with or without single pole short circuit isolation with status control through the ADEVA Protocol
- Power, ready, fault and Alarm LEDs with red, green and amber colours
- New mechanical platform with revolutionary chamber offering improved false alarm immunity
- Improved resilience to false alarms through dust
- Removed risk of false alarms through insects
- Manuel Test Button
- Pure white colour to compliment modern buildings
- New Base design to compliment the detector
- Internal buzzer



### Description

The Carbon Monoxide Addressable detector use the most modern technological sensors available today. The detector can be tested against small amount of LPG into the detector as its sensors are designed to even detect with in seconds of the smoke caused within the functioning area of the sensor thus detecting an alarm.

When the hazardous amount of LPG smoke is detected, the FCGD314LPG detectors alerts the residents by sound and flashing an audible or visual alarm and also equipped with four illuminated LED's as indicators. With 24/7 central station monitoring, residents are guaranteed protection whether they are away from home, sleeping or unaware of any LPG leakages, suffering residence.

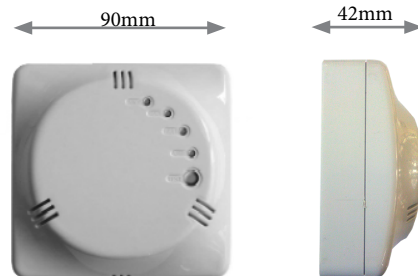
The FCGD314LPG are designed for system operation. The FCGD314LPG coloured wiring codes make it easy it easier to locate a fault in gas alarm control panel and also address must be programmed only by authorized programmers. With a low current draw. This detector enable more devices to be connected to the panel thus limiting the need to purchase of more fire alarm control panels or other power supplies. As 12/30 VDC detector, FCGD314LPG will operate on most industry security and gas alarm control panels.

Adjustable LPG level initiating capability expand usage for more application and also give the flexibility for diffrent programing for LPG exhaust senaries.

Adressable LPG alarm system is able to control all HVAC systems base on zone identification by loop driven output modules. It helps to designer to make more flexible LPG alarm system designs for even very large systems and helps to installer to make less cabling. It also helps to user for less LPG system investment and to localize alarming detector as point by 40 character text adress message on the panel.

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### Architect/Engineers Specifications



### Electrical Specifications

Loop Operating Voltage	: 12-30 VDC
Loop Operating Current	: <600 $\mu$ A @ 24 VDC
Max. Loop Alarm Current	: <7 mA @ 24 VDC
DC Operating Voltage	: 12-30 VDC
DC Operating Current	: <50mA @ 24VDC

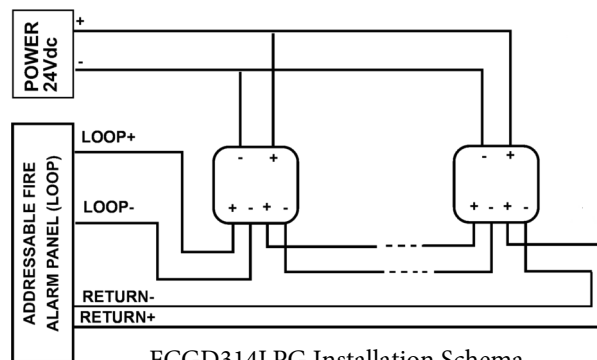
### Physical Specifications

Operating Humidity Range	: 10% - 93%
Operating Temperature	: -10°C - +50°C
Gas Volume Ratio	: 50ppm
Relay Output Ratio	: 200mA @24VDC

### Mechanical Specifications

Dimension	: 90x90x38mm
Weight	: 110gr

### Installation Specifications



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