

Domestic Gas Alarms

Z10 Series

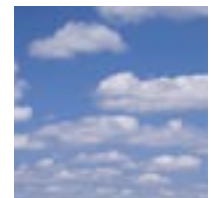
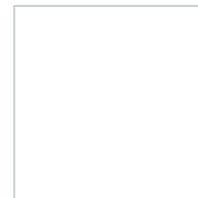
Provides a reliable warning of flammable gas leaks (natural gas or LPG)



From UK's No.1 Manufacturer and Supplier of Gas Alarms.

Why choose the Z10 Domestic Gas Alarm:

- Natural gas and LPG versions
- Proven sensor technology
- Easy to install & use
- High & low level alarms
- Relay output and interlink capability
- Surface or flush mount installation
- Audible and visual warnings
- Mains powered (12 - 24Vdc LPG option)
- No maintenance
- Suitable for use in the home, caravan/mobile home and light commercial applications



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Specification

Alarm Levels

Low level alarm 3 - 7% of Lower Explosive Limit (LEL)

High level alarm 7 - 13% of Lower Explosive Limit (LEL)

Alarm Sound Level 85dB at 1m

Indicators

Normal operation Green light

Low level alarm Flashing red light

High level alarm Constant red light & 85dB buzzer

Fault Flashing yellow light and intermittent beeps

Test/hush button Yes (on all models)

Relay/interlink facility Yes (on all models)
Latching relay outputs and interlink capability for remote sounders and gas cut-off valves.

Warm up time 15 minutes

Time to alarm <30 seconds

Operating Voltage

Mains 110Vac - 240Vac (50/60Hz)

DC 12Vdc - 24Vdc

Power Consumption

Mains <5 watts (<7 watts in alarm)

DC <2 watts (<4 watts in alarm)

Operating temperature range -10°C - +40°C

Weight approx. 300g

Dimensions 160mm x 100mm x 40mm



Leading the way in Gas Detection

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Operation

The Z10 series are designed to provide a reliable warning of a leak of flammable (natural gas or LPG). They are designed to meet the stringent requirements of the European Standard for domestic gas alarms (EN50194). All units have both high and low level alarms which provide an early warning of any potential danger.

The sensor used in these alarms has been specifically developed to operate under variations of temperature and humidity found in the home. A special design for the sensor and circuit also reduces the risk of false alarms from cooking fumes or vapours from aerosol cans.

All models are supplied with relay outputs as standard for connecting to gas shut off valves, control systems... etc. Units can also be interlinked for added safety.

Sensor Technology

The Z10 uses the TGS 813 sensor which has been specifically developed to provide accuracy over the environmental range and reduce the risk of false alarms from other fumes and gases.

Installation

All units are designed for wiring directly to the power supply and are supplied complete with full installation and operating instructions. A wall bracket and fixing screws are provided to allow easy fixing to the wall. Units can also be flush mounted if required.



Please Note:

While every effort has been made to ensure accuracy in this publication, no responsibility can be accepted for errors or omissions. Data may change, as well as legislation, and you are strongly advised to obtain copies of the most recently issued regulations, standards, and guidelines.

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