



# Gas alarm unit GS 2.1



## Benefits

- For private homes
- Detection of, for example, natural gas (methane) and liquefied gas (propane, butane) in ambient air and generation of gas alarm
- With relay for external sensor

## Application

For the detection of flammable gases such as methane, propane, butane in ambient air in residential buildings.

## Versions

	Part no.
Gas alarm unit GS 2.1 Methane	61185
Gas alarm unit GS 2.1 Propane/butane	61187

Blue part no. = in-stock items

## Description

Gas alarm unit with integrated semiconductor sensor, alarm buzzer and relay output for connection of additional external alarm equipment (e.g. horn, warning light). LEDs for operation (green), alarm (red), error (yellow), the Test key and the Reset button are located at the front side of the housing. The alarm is triggered when approx. 20 % of the LEL (lower explosive limit) is reached. The audible alarm can be muted with the Reset button. The visual alarm remains active until the alarm condition no longer exists. The unit features an additional input for connection of an external gas sensor GS 4 as a second measuring point, e.g. for monitoring different rooms.



## Technical specifications

### Supply voltage

AC 230 V

### Nominal power

5 VA

### Housing

Wall mounting plastic

housing

W x H x D: 120 x 80 x 35 mm

Weight: Approx. 900 g

Degree of protection: IP 20 (EN 60529)

### Operating temperature range

Ambient: 0/50 °C

Storage: -10/+60 °C

Humidity/moisture: 5/90 % r.F.

### Alarm value

Approx. 20 % UEG

### Alarm sound

Internal piezo buzzer

Min. 50 dB(A), at a distance of 1 m

### Switching outputs

Relay contact: 1 x voltage-free changeover contact

Contact rating: AC 230 V, 2 A

### Service life

Approx. 5 Jahre

## Detail views

### Application example

