

GAS DETECTOR

PCE-GA 5



- » **Measuring range: 0 ... 100% LEL**
- » **Response time: ≤ 30 seconds**
- » **Gas and heat sensor**
- » **Alarm: acoustic, visual, voice announcement, app push**
- » **LCD color display 1.7 inch**
- » **Interface: WLAN**
- » **App connection: Smart Life**

A gas detector is an important safety device. It recognizes dangerous gas concentrations in the air and sounds the alarm in good time to prevent accidents such as explosions or poisoning. Our gas detector has been specially developed for use in homes, offices and similar indoor areas. It detects both natural gas (methane) and liquefied petroleum gas (LPG, consisting of propane and butane) and reacts as soon as a certain concentration is exceeded.

Our gas detector measures gas concentrations in the range of 0 ... 100% of the lower explosion limit (LEL), whereby the alarm is triggered at 6% LEL. The response time is a maximum of 30 seconds and the alarm is triggered at a volume of over 70 decibels. A heat sensor is also integrated, which also triggers an alarm at an ambient temperature of 57°C / 134.6°F.

The detector is equipped with a color LCD display that shows the date and time as well as the gas values, the temperature and the remaining sensor life. A Wi-Fi connection is used to connect to the "Smart Life" app, which can be used to monitor the status of the device worldwide. In the event of an alarm, an acoustic and visual warning, a voice message and a push notification are sent to the smartphone. In addition, a connected valve can be activated automatically to stop the gas supply. The sensor has a service life of five years and the device requires a warm-up time of 180 seconds after switching on.

Specification

Gas	
Measurement range up to	0 ... 100 % LEL
Resolution	1 % LEL
Accuracy	±3% LEL

General technical data	
Display type	LCD with backlight
Display size	1,7 Inch
Interface	WLAN
Sensor	Semiconductor detector
Service life	5 years
Response time	30 s
Alarm	optical, Acoustic
Alarm settings	0 ... 100 °C
Alarm volume	70 dB
Menu language	English, English (GB), Chinese
Protection class (device)	IP20
Power supply	5V / 1 A 100 ... 240V AC 50/60 Hz
Connector type	Euro plug
Operating conditions	-10 ... 55 °C , 0 ... 95 % RH
Storage conditions	-10 ... 55 °C , 0 ... 95 % RH
Dimensions (L x W x H)	86 x 86 x 24,5 mm
Weight	76,5 g