GAS DETECTOR

PCE-GD 5



- **Detection of flammable gases with colour scale**
- **Measuring medium: methane, hydrogen, natural gas, LPG**
- **Optical and acoustic alarm**
- **Preheating time approx. 10 s**
- **Response time: < 10 s**
- **USB-C interface**

The Gas Detector is used for the reliable detection of flammable gases and assists in locating possible gas leaks in various areas. The Gas Detector is suitable for checking systems, pipelines and installations where flammable gases such as natural gas, LPG, methane or hydrogen may occur. Thanks to the flexible probe with a length of approx. 250 mm, hard-to-reach locations can also be checked. The Gas Detector has an optical and acoustic alarm indicator that provides information on the various warning levels as gas concentration increases.

The device has a 1.8 inch colour display and also shows the ambient temperature and relative humidity. It operates with a preheating time of approx. 10 seconds and a response time of less than 10 seconds. Power is supplied by three AAA batteries. The Gas Detector also has a USB-C interface for power supply or connection to an external power source. The Gas Detector can be used, for example, in heating and building services engineering, for maintenance work, in workshops and for checking gas pipelines and technical systems. Thanks to its compact design and flexible sensor probe, the device is particularly suitable for quick on-site inspection and leak detection.

Specification

Relative humidity	
Measuring range	0 ... 100 %
Resolution	1 %
Accuracy	±3%
Temperature	
Measuring range	-40 ... +80 °C
Resolution	0,1 °C
Accuracy	±1.5 °C

General technical data	
Display type	LCD
Display size	1,8 Inch
Interface	USB-C
Response time	10 s
Warm-up time	10 s
Measured medium	Natural gas, Metan, Hydrogen, Liquefied petroleum gas, smoke
Operating time	2 h
Alarm	optical, Acoustic
Dimensions	Sensor length: 250 mm Sensor diameter 12 mm
Menu language	English, English (GB)
Protection class (device)	IP20
Power supply	5V DC or batteries
(Rechargeable) battery	3 x 1,5 V AAA battery , Alkali-manganese
Capacity	1270 mAh
Performance	1,91 Wh
Operating conditions	0 ... 40 °C , 0 ... 90 (non-condensing)% RH
Storage conditions	-20 ... 60 °C , 0 ... 90 (non-condensing)% RH
Dimensions (L x W x H)	80 x 60 x 25 mm
Weight	110 g