GAS DETECTOR

PCE-GD 5



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

The Gas Detector is used for reliable detection of flammable gases and helps locate possible gas leaks in various areas. The Gas Detector is suitable for checking systems, pipelines, and installations where flammable gases such as natural gas, liquefied petroleum gas (LPG), methane, or hydrogen may occur. Thanks to the flexible probe with a length of approx. 250 mm / 9.8 in, even hard-to-reach locations can be checked. The Gas Detector features an optical and acoustic alarm display that provides information on the various warning levels as gas concentration increases.

The device has a 1.8-inch color display and also shows the ambient temperature as well as the 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. In addition, the Gas Detector has a USB-C interface used for power supply or for connecting an external power source. The Gas Detector can be used, for example, in heating and building services, during maintenance work, in workshops, and for testing gas lines and technical systems. Thanks to its compact design and flexible sensor probe, the device is particularly suitable for quick on-site checks 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 Typ	LCD
Display size	1,8 Inch
Interface	USB-C
Response time	10 s
Warm-up time	10 s
Measuring medium	natural gas, Metan, Hydrogen, liquefied gas, smoke
Operating time	2 h
Alarm	optical, Acoustic
Dimensions	Sensor length: 250 mm / 9.8 in Sensor diameter: 12 mm / 0.5 in
Menu language	English (US), English (GB)
Protection class (device)	IP20
Power supply	5V DC or batteries
Battery/battery	3 x 1,5 V AAA Battery (1,5V) , Alkali-Manganese
Battery 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