

Gas detectors GSP1 and GSP3



Gas leaks may cause explosions. The gas detectors are designed to detect even the smallest leaks in gas pipe systems. They enable rapid and easy detection of gas leaks even in areas which are difficult to access.

Gas detector GSP1

Portable gas detector with indication of concentration for detecting gas leaks in gas pipes as well as connection pieces and fittings, gas meters, gas burners and gas tanks (inflammable gases). The unit can be used as a leak detector or as a gas concentration meter in rooms. In order to enable leak detection in spaces difficult to access, the unit features a flexible gas detection probe with a semiconductor element. The high-sensitivity sensor is suitable for the detection of a wide range of different inflammable gases such as methane, propane and butane (basic calibration for methane). Concentrations up to 2,000 ppm are indicated by the luminous band. When the gas concentration reaches 1 % by volume, the unit activates an audible alarm. The instrument switch-es off automatically if no button is pressed for more than 5 minutes and if no concentration of more than 80 ppm was measured during this period.

Technical specifications

Sensor principle: Semiconductor
Range: 0 to 2,000 ppm (methane)
Sensitivity: 20 to 50 ppm (methane)
Visual indication
 Diode chain 20 x ± 3 LEDs
Audible alarm: Piezo buzzer
Supply voltage: NiMH battery 5 V/1,6 Ah, external power supply unit
Service time: Approx. 24 hours
Automatic shut-off: after 5 minutes
Operating temperature: 5 °C/40 °C
Storage temperature: -5 °C/+40 °C 20/80 % r. h.
W x H x D: 72 x 130 x 26 mm
Flexible arm: 295 mm incl. sensor
Weight: 360 g

Gas detector GSP3

Portable gas detector for detecting gas leaks in gas pipes as well as connection pieces and fittings, gas meters, gas burners and gas tanks (inflammable gases). The gas sensor responds to all inflammable gases such as methane, propane, butane. To detect a leak, the sensor is moved over the suspected leak position.+
 The intensity of the escaping gas is indicated by two red LEDs. At the same time the instrument generates an audible signal, whose frequency is proportional to the gas concentration.

Technical specifications

Sensor principle: Semiconductor
Range: 0/2,000 ppm (methane)
Sensitivity: 20 to 50 ppm
Visual indication: 3 LEDs
Audible alarm: Piezo buzzer
Supply voltage: 2 x 1.5 V alkaline battery (Mignon, AA)
Service time: Approx. 10 hours
Automatic shut-off
 After 4 minutes
Operating temperature: 5 °C/40 °C
Storage temperature: -5 °C/40 °C 20/80 % r. h.
W x H x D: 60 x 124 x 30 mm incl. sensor
Weight: 160 g

Gas detector GSP3 Flex

Similar to GSP3, but with flexible gas detection probe.

DG: H	Part no.	Price €
Gas detector GSP1 with rechargeable battery and charger	61191	
Protective pocket für GSP1	61196	
Protective case für GSP1	69425	
Gas detector GSP3	61194	
Gas detector GSP3 Flex	61194F	