

Gas leak detector for the quick and selective detection of Methane

- Wide range gas leak detector with suction pump for the selective detection of Methane (CH₄), Propane (C₃H₈) and Hydrogen (H₂)
- Display of the gas concentration, from low ppm range to "Lower Explosive Limit" (LEL) in Vol% (value, bar graph, LED)
- Automatic zero setting and measuring range change-over
- Acoustic signal depending on concentration (can be switched off)
- Acoustic and visual warning when 4 set alarm points are exceeded
- Additional display of the thresholds (10, 100, 1000 ppm and 1 Vol%) by LEDs
- When exceeding the Lower Explosive Limit (LEL) "LEL" will be displayed
- Automatic sensor check with error recognition
- Separate charger for recharging of built-in battery power pack



ppm	●	Operate
10	●	
100	●	
1000	●	
1 Vol %	●	

Selected technical data

Gas sensor	MOX Gas sensor element GGS 3000 series
Flow rate of the suction pump	ca. 30 ml/min
Time to operation readiness	< 50 s
Dimensions (Length x Width x Height)	ca. 190mmx40mmx28mm (without sensor extension flex)
Sensor extension flex (Length)	ca. 320 mm
Net weight	ca. 320 g
Power consumption	ca. 0,85 VA
Operating time (power pack is fully charged)	ca. 6 h
Rechargeable battery power pack	4 x 1,2 V NiMH
Allowable operating temperature	-20 °C... +60°C
Allowable storage and transportation temperature	-25 °C ... +50°C

Allowable storage and transportation humidity	20... 80 % r. H.
Allowable storage conditions	Storage environment free of any contaminations, particularly protected against chemical substances, such as Silicone etc.
Allowable conditions for operating, transport and storage	
The contamination of the gas sensor must be avoided. The application, transport and storage environment has to be free of any contamination, particularly protected against chemical substances, e.g. silicones. In particular direct contact with substances containing, silicones, sulphurous substances or non-desorbing inorganic components or contaminations (e.g. smoke, fumes, oils, greases or evaporating liquids) may cause damaging the sensor or to changes in the sensor resistance and/or in the sensor characteristics. Possible consequences are reduced sensitivity, display of misleading concentration values, or display of a background concentration.	
Conformity	
2011/65/EU: Restriction of the use of Hazardous Substances Directive (RoHS)	

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