

Selective gas leak detector for Natural Gas (Methane/CH₄)

- Handheld gas leak detector for the selective detection of Natural Gas (Methane/CH₄)
- Microprocessor controlled device
- Display of the calibrated gas concentration thresholds via LED
 - green LED 0 ppm + operational readiness
 - 1st yellow LED ≥ 10 ppm
 - 2nd yellow LED ≥ 100 ppm
 - 1st red LED ≥ 1000 ppm
 - 2nd red LED ≥ 1 Vol%
- Customized calibration optional possible, e.g. up to the Lower Explosive Limit (LEL)
- Automatic zero setting on air after switch on
- Acoustic signal depending on concentration (can be switched off), signal output via optional built-in jack on earphones
- Various optional accessories available



Selected technical data

Sensor element	MOX gas sensor element (GGS 3000 series)
Warm-up time	< 90 s
Response time (T₉₀)	< 2 s
Operating time	ca. 8 h with fully charged rechargeable batteries
Batteries	integrated rechargeable battery pack NiMH (Attention: charging only with plug-in-charger include in delivery)
Low battery indicator	green LED blinks, remaining operating time ca. 15 min
Power consumption	ca. 0,8 VA (eff.)
Dimensions (Length x Width x Height)	with/without flexible sensor extension ca. 175 mm x 44 mm x 36 mm/ca. 490 mm x 44 mm x 36 mm
Net weight	ca. 250 g (without plug-in-charger)
Allowable operating temperature	-15 °C... +50 °C
Allowable storage and transportation temperature/humidity	-25 °C... +60 °C 7 20 %... 80 % relative humidity, non-condensing

Allowable operating and storage conditions	Any 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 directly 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.
Accessories (optional)	case, earphones
Conformity	2011/65/EU: Restriction of the use of Hazardous Substances Directive (RoHS)