

## Selective gas leak detector for refrigerant R134a

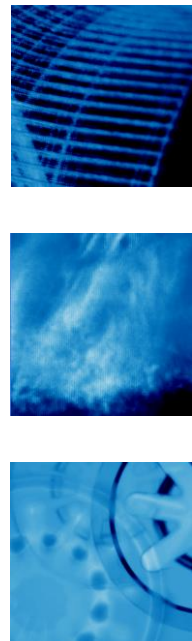
- Handheld gas leak detector for the selective detection of refrigerant R134a
- Microprocessor controlled device
- Display of the calibrated thresholds via LED
  - green LED 0 g/a + operational readiness
  - 1st yellow LED  $\geq 1$  g/a
  - 2nd yellow LED  $\geq 3$  g/a
  - 1st red LED  $\geq 10$  g/a
  - 2nd red LED  $\geq 30$  g/a
- Customized calibration optional possible
- 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



### Preliminary selected technical data

<b>Sensor element</b>	MOX gas sensor element (GGS 9000 series)
<b>Warm-up time</b>	< 90 s
<b>Response time (T<sub>90</sub>)</b>	< 2 s
<b>Operating time</b>	ca. 8 h with fully charged rechargeable batteries
<b>Batteries</b>	integrated rechargeable battery pack NiMH (Attention: charging only with plug-in-charger include in delivery)
<b>Low battery indicator</b>	green LED blinks, remaining operating time ca. 15 min
<b>Power consumption</b>	ca. 0,8 VA (eff.)
<b>Dimensions (Length x Width x Height)</b>	with/without flexible sensor extension ca. 175 mm x 44 mm x 36 mm/ca. 490 mm x 44 mm x 36 mm
<b>Net weight</b>	ca. 250 g (without plug-in charger)
<b>Allowable operating temperature</b>	-15 °C... +50 °C
<b>Allowable storage and transportation temperature/ humidity</b>	-25 °C... +60 °C / 20 %... 80 % relative humidity, non-condensing

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



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