

# List of detectable Gases\*

## SM - smartMODULBASIC

- Dual-beam Technology (NDIR)
- Open collector Outputs
- Digital interface via  $\mu$ -controller
- Dimensions 62 x 37 x 30 mm



## SMF - smartMODULFLOW

- Robust aluminium cuvette
- Hose connections for the gas inlet
- Applicable for high gas concentrations
- Customer-specific adaptable



## SMC - smartMODULCONNECT

- 12-30 V DC
- Analog interfaces (e.g. 4-20 mA)
- Digital interface RS 485
- Dimensions 72 x 55 x 33 mm



## SMP - smartMODULPREMIUM

- Aluminium cuvette for flow operation
- High compatibility
- For a wide range of flexible use
- Optional with temp. stabilization



Gas	Model	Measurement range
<b>Acetylene</b> $C_2H_2$	SM-AYL	0-2,3 Vol.-% (0-100% LEL)
<b>Ammonia</b> $NH_3$	SM-NHL SM-NHT	0-15,4Vol.-% (0-100% LEL) 0-1000 ppm
<b>Butene</b> $C_4H_{10}$	SM-BUL	0-1,4 Vol.-% (0-100% LEL)
<b>Carbon dioxide</b> $CO_2$	SM-CDT SM-CDM SM-CDH SM-CDX	0-5000 ppm (0-100% TLV) 0-2 Vol.-% 0-20 Vol.-% 0-100Vol.-%
<b>Carbon monoxide</b> CO	SM-COM SM-COH	0-20000ppm 0-10 Vol.-%
<b>Ethane</b> $C_2H_6$	SM-EAL	0-2,4 Vol.-% (0-100% LEL)
<b>Ethylene</b> $C_2H_4$	SM-EYL	0-2,4 Vol.-% (0-100% LEL) 0-2000 ppm
<b>Methane</b> $CH_4$	SM-MAL SM-MAX	0-4,4 Vol.-% (0-100% LEL) 0-100Vol.-%
<b>Propane</b> $C_3H_8$	SM-PAL	0-1,7 Vol.-% (0-100% LEL)
<b>Sulfur hexafluoride</b> $SF_6$	SM-SF6	0-1000 ppm (0-100% TLV)
<b>Tetrafluoroethane</b> $R134a$	SM-F134a	0-1000 ppm

Pictures are only examples. Other enclosures and dimensions possible.

\* Other gases and measurement ranges on request