

# List of detectable Gases\*



## SM - smartMODUL<sup>BASIC</sup>

- IR-technology
- Dual beam principle
- High selectivity
- Long time stable (10 years)
- Bus capable via Modbus ASCII



## SMC - smartMODUL<sup>CONNECT</sup>

- Based on smartMODUL<sup>BASIC</sup>
- 4-20mA / 0 – 20mA
- 0 – 1V / 0 – 2,5V
- RS 485 via Modbus ASCII
- USB for programming and testing



## SMF - smartMODUL<sup>FLOW</sup>

- Based on smartMODUL<sup>BASIC</sup>
- Robust enclosure
- Hose connections
- Bus capable via Modbus ASCII



## SMP - smartMODUL<sup>PREMIUM</sup>

- Based on smartMODUL<sup>CONNECT</sup>
- Robust enclosure
- Hose connections
- 4-20mA / 0 – 20mA
- 0 – 1V / 0 – 2,5V
- RS 485 via Modbus ASCII

Gas	Model	Measurement range
<b>Acetylene</b> C <sub>2</sub> H <sub>2</sub>	SM-AYL	0-2,3 Vol.-% (0-100% LEL)
<b>Ammonia</b> NH <sub>3</sub>	SM-NHL SM-NHT	0-15,4 Vol.-% (0-100% LEL) 0-1000 ppm
<b>Butene</b> C <sub>4</sub> H <sub>10</sub>	SM-BUL	0-1,4 Vol.-% (0-100% LEL)
<b>Carbon dioxide</b> CO <sub>2</sub>	SM-CDT SM-CDM SM-CDH SM-CDX	0-5000 ppm (0-100% TLV) 0-2 Vol.-% 0-20 Vol.-% 0-100 Vol.-%
<b>Carbon monoxide</b> CO	SM-COM SM-COH	0-20000ppm 0-10 Vol.-%
<b>Ethane</b> C <sub>2</sub> H <sub>6</sub>	SM-EAL	0-2,4 Vol.-% (0-100% LEL)
<b>Ethylene</b> C <sub>2</sub> H <sub>4</sub>	SM-EYL	0-2,4 Vol.-% (0-100% LEL)
<b>Methane</b> CH <sub>4</sub>	SM-MAL SM-MAX	0-4,4 Vol.-% (0-100% LEL) 0-100 Vol.-%
<b>Propane</b> C <sub>3</sub> H <sub>8</sub>	SM-PAL	0-1,7 Vol.-% (0-100% LEL)
<b>Sulfur hexafluoride</b> SF <sub>6</sub>	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