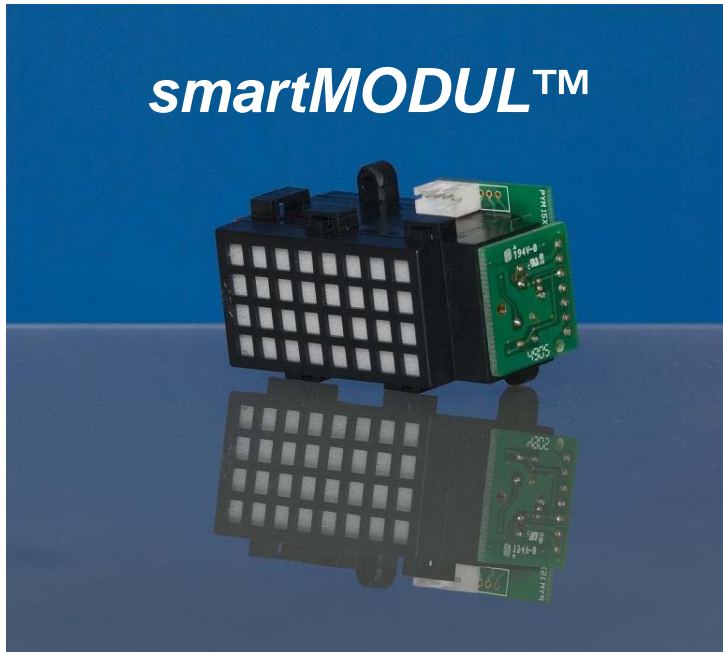


## Sulfur Hexafluoride

Part Number: SM-SF6



- Gas sensor with infrared detection technology (NDIR)
- Dual Beam
- Highly reliable
- LEL monitoring
- Settable alarm thresholds
- Bus-capable (modbus protocol)
- Lifetime > 10 Years

### Technical Data

<b>Gas detected:</b>	Sulfur Hexafluoride (SF <sub>6</sub> )
<b>Detection principle:</b>	NDIR (Dual Beam)
<b>Detection range:</b>	0 to 1000ppm (0 – 100% TLV)
<b>Accuracy:</b>	± 2 % upper range value*
<b>Stability (long term drift)</b>	± 2 % upper range value* over 12 month period
<b>Reproductibility</b>	< 2 % upper range value*
<b>Linearity error:</b>	< 1 % upper range value*
<b>Error recognition:</b>	By Software
<b>Calibration:</b>	Zero and span by software
<b>Operating Temperature:</b>	-10 °C to 40 °C
<b>Humidity:</b>	0% to 95% rel. humidity
<b>Air pressure:</b>	950 to 1050 hPa
<b>Warm-up time</b>	< 2 minutes (star up time)* 15 minutes (full specification)*

### Electrical Data

<b>Operating voltage:</b>	5.0 V DC +/- 5 %
<b>Drive current:</b>	70mA (switch on current approx. 140mA)
<b>Outputs:</b>	2 Signal outputs (Open collector) Modbus Open Protocol

### Mechanical Data

<b>Dimensions L x W x H</b>	62 mm x 37 mm x 30 mm
<b>Storage temperature</b>	-25 to 60°C

\*Depending on the version