

Sulfur Hexafluoride (SF₆)

Part number.: SM-SF6



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

Technical data:

General features

Gas detected:	NDIR (Dual Beam)
Detection principle:	0 to 1000 ppm (0-100% TLV)
Detection range:	+ 1 % of range *
Accuracy:	settable
Thresholds:	-10°C to 50°C
Operating temperature:	800 hPa to 1100 hPa
Pressure:	0% to 95% rel. humidity
Humidity:	< 2 Min.
Warm up time:	< 25 s Diffusion
Response time: Sulfur Hexafluoride SF ₆	< 5 s Flow

Electrical data

Operating voltage:	70mA (switch on current approx. 1 40mA)
Drive current:	2 Signal outputs (Open collector)
Outputs: 6.5 V DC +/- 5 %	Modbus Open Protocol

Mechanical data

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

*depending on the version