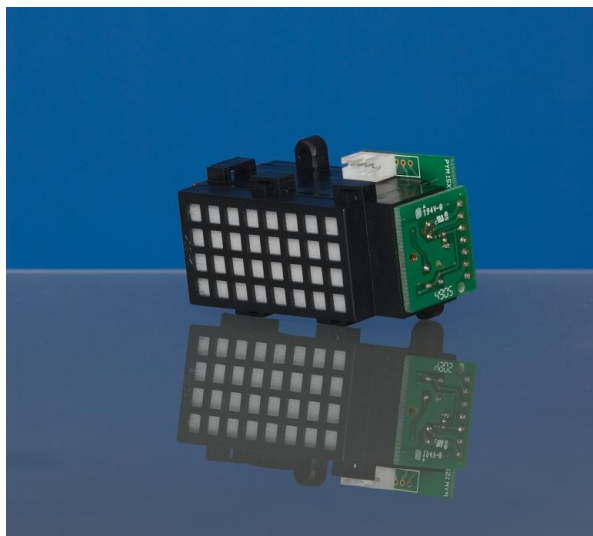


# Sulfur Hexafluoride (SF<sub>6</sub>)

Part number.: FAD-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:	Sulfur Hexafluoride SF <sub>6</sub>
Detection principle:	NDIR (Dual Beam)
Detection range:	0 to 1000 ppm , 3000 ppm , 5000 ppm
Accuracy:	± 1 % of range *
Thresholds:	settable
Operating temperature:	-10 °C to 50 °C
Pressure:	800 hPa to 1100 hPa
Humidity:	0% to 95% rel. humidity
Warm up time:	< 2 Min.
Response time:	< 25 s Diffusion < 5 s Flow

### Electrical data

Operating voltage:	6.5 V DC +/- 5 %
Drive current:	70mA (switch on current approx. 140mA)
Outputs:	2 Signal outputs (Open collector) 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