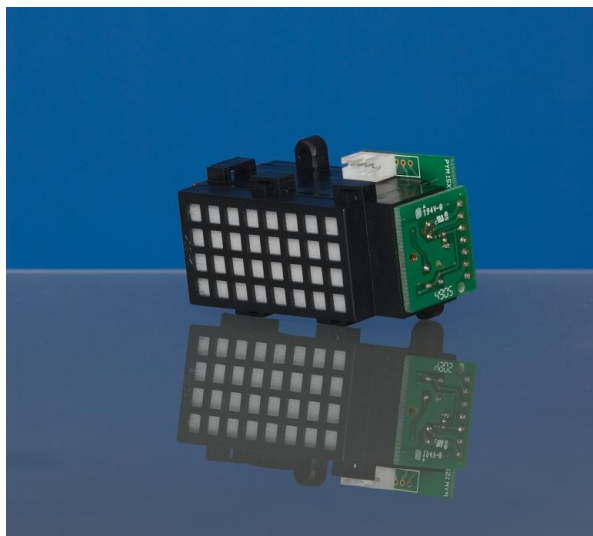


Sulfur Hexafluoride (SF₆)

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 ₆ |
| 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