SF_6 GAS DETECTORS

For monitoring the air of SF6 indoor plant in permanent operation

3-026-R115
SF_6 Air Sensor

The device even detects smallest SF_6 concentrations and displays the current measuring values permanently. For the operating personnel it is absolutely necessary to know that no radioactive source is used. Therefore no special measures must be taken during operation.

The SF_6 Air Sensor guarantees a quick reaction time. Furthermore, there is no cross sensitivity to moisture and unaffected by background contamination and the measuring result remains constant. Parameters for warning messages and alarm tripping are freely configurable.

- Measuring range: 0 up to 1,500 ppm_V SF_6
- High longtime stability
- No maintenance and consumables are required
- Indication of the measuring value via LCD on the front of the device
- Air pressure compensated
- Analogous and serial interface

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Technical data:

Dimensions: W 80 mm, H 150 mm, D 60 mm
Weight: 250 g
Measuring principle: NDIR (double beam)
Measuring range: 0 up to 1,500 ppm_v SF_6
Measuring accuracy: < ±2 % of measured value
Long-time stability / drift: < ±2 % of measured value / year
Warming time: < 2 min (run-up), 15 min. (full specification)
Response time: < 2 min
Indication: directly via LCD
Operating voltage: 24 V DC, 160 mA, 3.9 W
Ambient moisture: max. 95 % relative humidity, non condensing during operation
Protection class: IP 41
Recommended monitoring range per sensor: 250 m^2
Calibration / Maintenance: is not required due to the life time of sensor (about > 10 years)
Operating temperature: -10 to 40 °C

Grundausstattung:

Operating manual

Optionales Zubehör gegen Aufpreis:

Additional operating manual	6-0004-R213

Packing:

Packing for 3-026-R115	3-948-R001

Note:

The device can only be used together with the SF_6 Network Monitor. It cannot be operated autonomously.

The device can also be connected with other devices to the SF_6 Network Monitor directly in order to build up monitoring points for SF_6 gas in the room via a network for monitoring.