

3-026-R115

SF₆-Air Sensor

The device even detects smallest SF₆ 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 SF₆ Air Sensor guarantees a quick reaction time. Furthermore, there is no cross sensitivity to moisture and background contamination and the measuring result remains constant. Parameters for warning messages and alarm tripping are freely configurable.



Standard version

- operating manual

Advantages & functions

- measuring range: 0 up to 1,500 ppm_v SF₆
- high longtime stability
- no maintenance and consumables are required
- indication of the measured value via LCD on the front of the device
- air pressure compensated
- analogue and serial interface
- warm-up time: < 2 minutes (run-up), reaching full specification after 15 minutes
- response time: < 2 minutes
- recommended monitoring range per Sensor: 250 m²

Technical data

Weight	0.25 kg
Dimensions (W x H x D)	80 x 150 x 60 mm
Indication	directly via LCD
Protection class	IP 41
Operating temperature	-10 to +40 °C
Long-term stability of SO ₂ sensor	< ±2 % of measuring range final value / year
Ambient moisture	max. 95 % relative moisture non condensing during operation
Measuring accuracy	< ±2 % of measuring range end value
Frequency	0.16 Hz
Power	160 A m
Operating voltage	24 V DC
Measuring range	0 - 1500 ppm SF ₆
Measuring principle	NDIR (double beam)

Optional accessories

3-026-R114	SF ₆ -Network Monitor
------------	----------------------------------

Note

The device can only be used together with the SF₆ Network Monitor. It cannot be operated autonomously.

The device can also be connected with other devices to the SF₆ Network Monitor directly in order to build up monitoring points for SF₆ gas in the room via a network for monitoring.

