

SF6 AREACHECK P2

Fixed SF6/C4-FN Detection



APPLICATIONS

- SF6 AREACHECK P2 is especially developed to detect and respond to leakages in indoor GIS with respect to MAC. The P2 is therefore the ideal tool to protect personnel as well as reduce environmental harmful and costly SF6-emissions.

FEATURES

- Available for SF6 and C4-FN
- Award winning Negative Ion Capture (NIC) technology
- Relay output for immediate awareness of any leaks detected
- No cross sensitivity with any other gases or moisture in the air
- Audio and visual alarms
- Data logging
- Complete safe set up via PC or the Network Interface protects from unauthorised access
- Built in low flow alarm and full built in diagnostics test
- Exchangeable SmartSensor (24 month lifetime)
- Low maintenance

DETECTION IN PERFECTION.

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SF6 AREACHECK P2



SENSITIVE AND FAST SF6 AND C4-FN IN AIR MONITORING.

Availability

All serviceable components comprised in user exchangeable SmartSensor, lifetime approx. 24 months. Measuring stations are maintenance-free, assuring 100% availability over years.

All Areas

No filter problems due to minimum air intake (compared to pump operated systems). Just enough to flood the measuring chamber, no stuffed filters even in dirty air. A small fan is the only moving part - and even this is comprised in the user exchangeable SmartSensor!

Safety

All electronic setup via computer or network interface. Perfect protection from unauthorised access, no knobs to play with. Low flow warning and full self diagnostics.

Flexibility

Stand Alone or Network operation with ISM Network Controller. Audible and visual alarms, relay output. Data logging, printout and status monitoring.

Sensitivity

No cross sensitivity to moisture or other gases than SF6 and C4-FN (Novec 4710).

TECHNICAL DATA

Detection principle	NIC (Negative Ion Capture)
Range	SF6 / C4-FN 0 ... 2000 ppm
Measure intervall	SF6 / C4-FN 30 min programmable
Response time	SF6 / C4-FN 5 ... 30 min. depends on user settings
Cleardown time	SF6 / C4-FN approx. 2 min.
Alarms	Relais, RS 485, Beeper, Alarm LED, Status LED
Display	LED
Self diagnostics	Detectorfailure, Flowfailure, Hardwarefailure
Storage conditions	-20°C ... +60°C
Operating temperature	-5°C ... +45°C
Humidity	10 ... 90 % rel. humidity non condensing
Power supply	100 - 240V 50/60Hz
Dimensions	300 x 170 x 130 mm



WHY MONITOR ?

SF6 is a odorless, invisible and non-toxic gas. In high concentrations it poses the risk of suffocation.

The Maximum Allowable Concentration (MAC) is 1000 ppm_v. Furthermore due to its environmental unfriendly attributes, SF6 was included in the Kyoto Protocol with the aim of emission reduction.

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C4-FN (C4-fluoronitrile, C4FN) is a perfluorinated compound developed as a high-dielectric gas for high-voltage switchgear. Nevertheless, C4-FN, pure or mixed, is a potent greenhouse gas whose emissions must be carefully minimized.

The SF6 AREACHECK P2 can be used to detect C4-FN and C4-FN mixtures and respond to leakages in indoor GIS.

PRODUCT CONTENTS

1 pcs.	SF6 AREACHECK P2 monitor
1 pcs.	Wallmount adaptor
3 pcs.	Reset / Test keys
1 pcs.	usermanual, german or english
1 pcs.	Calibration certificate

Delivery time	3 - 4 weeks
Warranty	12 months

PRICES - SF6 AREACHECK P2

see current ISM-price list