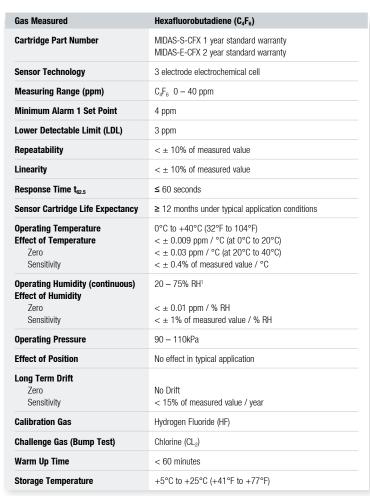


Midas® sensor cartridge specifications

Perfluoro Compounds (PFC Group) MIDAS-S-CFX, MIDAS-E-CFX



The sensor data listed is based on ideal test environment; observed performance may vary based on the actual monitoring system and the sampling conditions employed

Other Detectable Gases

The following additional gases can be detected with this sensor cartridge. Sensor performance and characteristics will be representative of the data as tabulated above. Consult the Technical Manual to set up the Midas® transmitter with the designated identification code for each of the following gas types.

Detectable Gas	Chemical Formula	Measuring Range
Difluoromethane	CH ₂ F ₂	0 – 240 ppm
Octofluorocylcopentene	C ₅ F ₈	0 – 40 ppm
Methylfluoride	CH ₃ F	0 – 120 ppm
Sulfur Hexafluoride 3	SF ₆	0 – 8000 ppm

 $^{^{\}rm 3}$ Detection range may vary by +/- 50% FSD dependent on conditions; intended for use as an approximate indicator of SF6 release

Cross Sensitivities

Each Midas® sensor is potentially cross sensitive to other gases and this may cause a gas reading when exposed to other gases than those originally designated. The table below presents typical readings that will be observed when a new sensor cartridge is exposed to the cross sensitive gas (or a mixture of gases containing the cross sensitive species).

Cl ₂ B ₂ H ₆	1 2,000 2 0.5	0 0 5.9 -2.3
Cl ₂ B ₂ H ₆	2 0.5	5.9
B ₂ H ₆	0.5	
		-2.3
H ₂ 2	00.000	
	20,000	0
HCI	2	7.8
HF	2	8.7
H ₂ S	1	-0.6
₃ H ₇ OH	500	0
H₃OH	500	0
NO ₂	10	5.6
PH ₃	1	-0.6
NF ₃	10	10.3
SO ₂	2	4.8
HFE		Yes
C / PFC		Yes
	HCI	HCI 2 HF 2 H ₂ S 1 ₃ H ₇ OH 500 NO ₂ 10 PH ₃ 1 NF ₃ 10 SO ₂ 2 HFE

Interference differs from cartridge to cartridge and over cell life. It is not recommended to calibrate with cross sensitivity factors. The target gas should be used for calibration.

Find out more

www.honeywellanalytics.com Toll-free: 800,538,0363

Please Note:

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