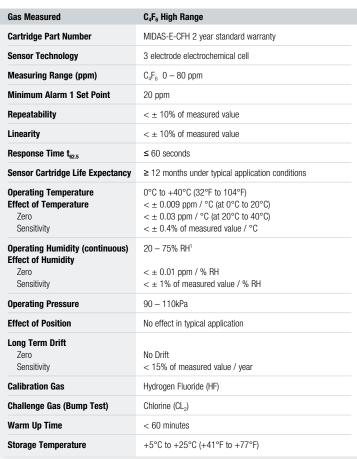


Midas® sensor cartridge specifications

C₄F₆ High Range MIDAS-E-CFH



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

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).

Gas / Vapor	Chemical Formula	Concentration Applied (ppm)	Reading (ppm C_4F_6)
Arsine	AsH ₃	1	0
Carbon Monoxide	CO	2,000	0
Chlorine	Cl ₂	2	5.9
Diborane	B_2H_6	0.5	-2.3
Hydrogen	H_2	20,000	0
Hydrogen Chloride	HCI	2	7.8
Hydrogen Fluoride	HF	2	8.7
Hydrogen Sulfide	H ₂ S	1	-0.6
Isopropanol	C ₃ H ₇ OH	500	0
Methanol	CH₃OH	500	0
Nitrogen Dioxide	NO ₂	10	5.6
Phosphine	PH ₃	1	-0.6
Nitrogen Trifluoride	NF ₃	10	10.3
Sulfur Dioxide	SO ₂	2	4.8
Perfluoroether	HFE		Yes
Hydrofluorocarbon, Perfluorocarbon	HFC / PFC		Yes

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Please Note:

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