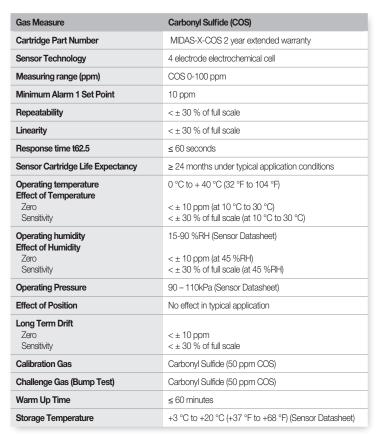


Midas® sensor cartridge specifications

Carbonyl Sulfide (COS) MIDAS-X-COS



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 COS)
Carbon Monoxide	CO	50	≥100
Hydrogen Sulfide	H ₂ S	15	<100
Sulfur Dioxide	SO ₂	5	9
Nitrogen Dioxide	NO ₂	5	-15
Chlorine	Cl ₂	1	-1.5
Hydrogen	H_{2}	100	<100
Hydrogen Cyanide	HCN	10	15
Hydrogen Chloride	HCI	5	0
Ethylene	C ₂ H ₄	100	<100
Nitric Oxide	NO	35	30
iso-Propyl Alcohol (IPA)*	C ₃ H ₇ OH	500	0

^{*} IPA filter (1830K0080) is required where a sensor cartridge can be exposed to the concentrated IPA vapor. The filter replacement interval depends on IPA exposure; however, Honeywell recommends the filter replacement every two months.

Find out more

www.honeywellanalytics.com Toll-free: 800.538.0363

Please Note:

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