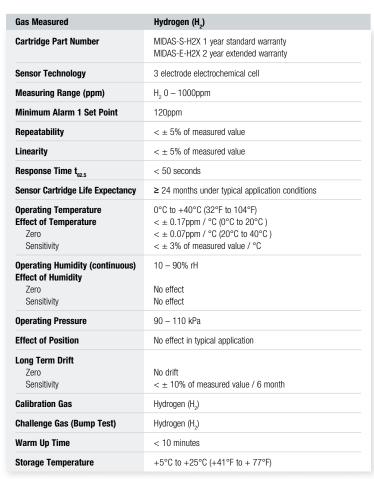


# Midas® sensor cartridge specifications

## Hydrogen ppm (H<sub>2</sub>) MIDAS-S-H2X, MIDAS-E-H2X



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 $H_2$ )
Ammonia	$\mathrm{NH}_{\scriptscriptstyle{3}}$	100	0
Arsine	AsH <sub>3</sub>	0.2	0
Carbon Dioxide	CO <sub>2</sub>	1000	0
Carbon Monoxide	CO	100	150
Chlorine	CI <sub>2</sub>	1	0
Chlorine Dioxide	CIO <sub>2</sub>	1	0
Hydrogen Cyanide	HCN	20	0
Hydrogen Sulphide	H <sub>2</sub> S	20	4
Iso Propanol	C <sub>3</sub> H <sub>7</sub> OH	1100	Yes
Methane	CH <sub>4</sub>	1%	0
Nitrogen Dioxide	NO <sub>2</sub>	10	-40
Ozone	03	0.25	0
Sulphur Dioxide	SO <sub>2</sub>	5	0

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#### Please Note

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