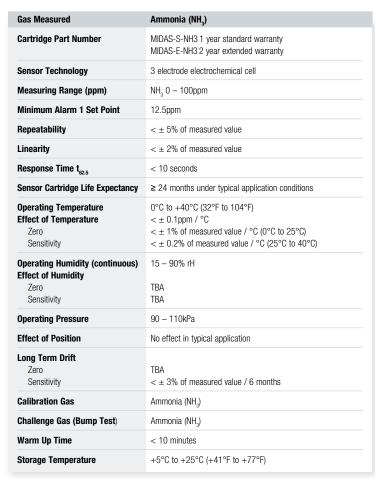


Midas® sensor cartridge specifications

Ammonia (NH₃) MIDAS-S-NH3, MIDAS-E-NH3



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.

Note: Extended exposure to background concentrations of ammonia may shorten life time of sensor.

HORNEL O Sent Its State of the sent Its of t

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 NH ₃)
Arsine	AsH ₃	0.2	0.07
Carbon Dioxide	CO ₂	5000	0
Carbon Monoxide	CO	100	0
Chlorine	Cl ₂	1	0
Ethanol	C ₂ H ₅ OH	1000	0
Hydrogen	H ₂	10000	0
Hydrogen Chloride	HCI	10	-4
Hydrogen Sulphide	H ₂ S	20	2
Iso Propanol	C ₃ H ₇ OH	1000	0
Methanol	CH ₃ OH	1000	0
Nitrogen Dioxide	NO ₂	10	-0.5
Phosphine	PH ₃	300	0
Sulphur Dioxide	SO ₂	20	-40

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

While every effort has been made to ensure accuracy in this publication, no responsibility can be accepted for errors or omissions. Data may change, as well as legislation, and you are strongly advised to obtain copies of the most recently issued regulations, standards, and guidelines. This publication is not intended to form the basis of a contract.