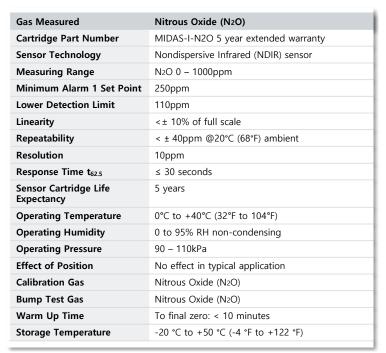


# Midas<sub>®</sub> Sensor Cartridge Specifications

# Nitrous Oxide (N2O) MIDAS-I-N2O



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 Measured	Chemical Formula	Concentration Applied(ppm)	Reading (ppm N₂O)
Carbon Dioxide	CO <sub>2</sub>	5000	150
Silane	SiH4	100	0 (Under LDL 100ppm)
Dichlorosilane	DCS	50	0 (Under LDL 100ppm)
TetraMethySilane	4MS	200	0 (Under LDL 100ppm)
Germane	GeH4	50	0 (Under LDL 100ppm)
TriMethylSilane	3MS	100	0 (Under LDL 100ppm)
Arsine	AsH <sub>3</sub>	100	0 (Under LDL 100ppm)

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 Korea Tel: +82 (0)2 6909 0300 Singapore Tel: +65-65803776 Australia Tel: +61-3-94642770 Japan Tel: +81-3-6730-7320 India Tel: +91-124 4752700

## 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.