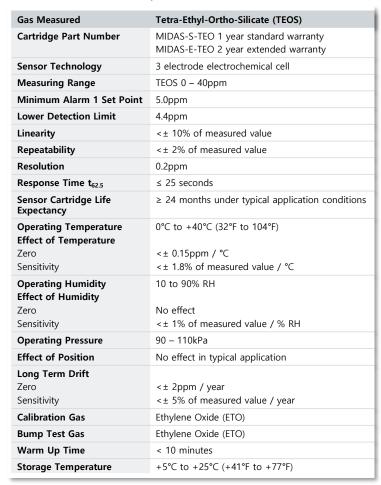


Midas_® Sensor Cartridge Specifications

Tetra-Ethyl-Ortho-Silicate (TEOS) MIDAS-E-TEO, MIDAS-S-TEO



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.



Other Detectable Gases

The following additional gases can be detected with this sensor cartridge. Sensor performance and characteristics will be representative of the data as tabulated above. Consult the Technical Manual to set up the Midas® transmitter with the designated identification code for each of the following gas types.

Detectable Gas	Chemical Formula	Measuring Range
Cyclopentyl Methyl Ether	C6H12O	0 - 40ppm

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 TEOS)
Carbon Monoxide	CO	10	4
Ethanol	C ₂ H ₅ OH	10	7.3
Ethylene Oxide	C ₂ H ₄ O	10	9.1
Iso Propanol	СзН7ОН	10	3.3
Methyl Ethyl Ketone	C4H8O	10	1
Toluene	C7H8	10	2

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.