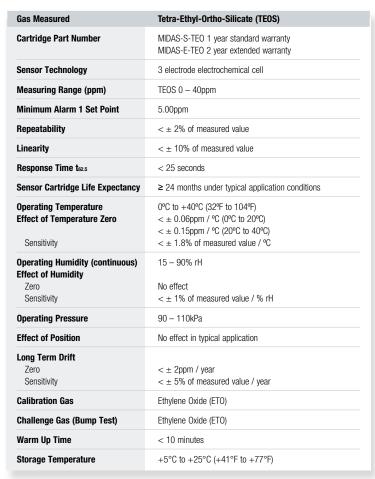


Midas® sensor cartridge specifications

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



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 TEOS) |
|---------------------|----------------------------------|--------------------------------|-----------------------|
| Carbon Monoxide | CO | 10 | 4 |
| Ethanol | C ₂ H ₅ OH | 10 | 7.3 |
| Ethylene Oxide | C_2H_4O | 10 | 9.1 |
| Iso Propanol | C ₃ H ₇ OH | 10 | 3.3 |
| Methyl Ethyl Ketone | C ₄ H ₈ O | 10 | 1 |
| Toluene | C_7H_8 | 10 | 2 |

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