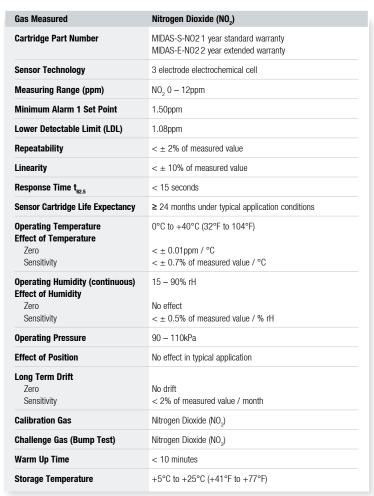


Midas® sensor cartridge specifications

Nitrogen Dioxide (NO₂) MIDAS-S-NO2, MIDAS-E-NO2



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 NO ₂) |
|-------------------|-----------------------|-----------------------------|-----------------------------------|
| Carbon Monoxide | CO | 300 | 0 |
| Chlorine | Cl_2 | 1 | 1 |
| Hydrogen Sulphide | H ₂ S | 15 | - 1.2 |
| Nitric Oxide | NO | 35 | 0 |
| Sulphur Dioxide | SO ₂ | 5 | 0 |

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Please Note

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