

## Alphasense Nitric Oxide Sensor Specification Summary

Nitric Oxide	NO-A1	NO-AE	NO-B1	NO-D4
Operating range (ppm)	0 to 250	0 to 5,000	0 to 250	0 to 100
Sensitivity (nA/ppm)	320 to 480	40 to 80	400 to 620	450 to 600
Resolution (ppm equivalent)	< 0.2	< 1	< 0.15	< 0.1
Response time (t90) (s)	< 45	< 75	< 30	< 15
Zero current (ppm equivalent @ 20°C)	0 to 2	0 to 15	0 to 4	0 to 1.5
Overgas Limit (ppm)	800	10,000	1,200	400
Operating life (months)	> 24	> 24	> 24	> 24
Temperature range (°C)	-30 to 50	-30 to 50	-30 to 50	-20 to 50
Pressure range (kPa)	80 to 120	80 to 120	80 to 120	80 to 120
Humidity range (%rh)	15 to 90	15 to 90	15 to 90	15 to 90
Load resistor (Ohm) recommended	10 to 47	10 to 47	10 to 47	10 to 47

Note: all sensors tested and stored at ambient environments unless otherwise stated. As applications of use are outside our control, the information provided is given without legal responsibility. Customers should test under their own conditions, to ensure that the sensors are suitable for their requirements.

Please use PCB sockets when connecting Alphasense sensors. Soldering, gluing or other methods of connection will void your warranty.