

## Alphasense Oxygen Sensor Specification Summary

Oxygen Sensor	O2-A1	O2-A2	O2-A3	O2-C2	O2-G1	O2-G2
Output (uA)	200 to 240	80 to 120	60 to 85	80 to 120	65 to 85	30 to 42
Response (t90) (s)	< 15	< 15	< 15	< 50	< 18	< 20
Zero current (uA) @ 20°C	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5
Operating life (months)	> 12	> 24	> 36	> 24	> 12	> 24
Temperature range (°C)	-30 to 55	-30 to 55	-30 to 55	-30 to 55	-30 to 55	-30 to 55
Pressure range (kPa)	80 to 120	80 to 120	80 to 120	80 to 120	80 to 120	80 to 120
Humidity range (%rh)	5 to 95	5 to 95	5 to 95	5 to 95	5 to 95	5 to 95
Load resistor (Ohm) recommended	47 to 100	47 to 100	47 to 100	47 to 100	47 to 100	47 to 100

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.