

## OC - 40 Oxygen Sensor



An inexpensive but high quality, low maintenance, solution to your Process Oxygen analysis requirements.

The Ntrion OC-40 Zirconia Sensor is a highly reliable Oxygen sensor for the measurement of oxygen in a variety of application processes.

### Proven Sensor Technology

The OC-40 Zirconia Sensor can be connected via the integral flow through G1/8 threaded connections.

The OC-40 Zirconia Sensors are recommended for use with the Ntrion range of Oxygen Analysers depending on the customers requirements and the particular application needs.

### Applications

#### An Oxygen Sensor for use in:

- Additive Manufacturing
- Solder Reflow
- Food and Beverage Industries
- Gas Generation Industries

### Features

- Measurement ranges:  
0-96% | Oxygen
- Highly Reliable Sensor Technology
- Low maintenance Zirconia Sensor
- Rugged housing for added durability
- Integral Flow Through base optional
- G1/8" threaded connection

### Technical Specifications

<b>Part Number</b>	02-445
<b>Measurement Range</b>	0 - 96% Oxygen
<b>Measurement Technology</b>	Zirconia SensorTechnology
<b>Output Signal</b>	1.10 ± 0.17 mA in air
<b>T95 Response Time</b>	< 10 seconds
<b>Electrical Connection</b>	100cm Potted Cable
<b>Mechanical Connection</b>	G1/8" Threaded Connection
<b>Storage Life</b>	12 Months
<b>Expected Operating Life</b>	3-5 Years
<b>SIL Rating</b>	N/A
<b>Temperature Range</b>	-20°C to +50°C
<b>Operating Humidity</b>	0 to 99% RH non-condensing
<b>Pressure Range</b>	Atmospheric ±10%
<b>Certification</b>	N/A

### Ordering information

Product	Sensor Type	Measurement Range	Electrical Connection	Part No.
OC-40	Zirconia O2	0 - 96%	100cm Potted Cable	02-445

**Cable comes as standard length - 3 metres. Please contact us if 10 metre cable is required.**

**Please note:** Ntron Ltd. adopts a continuous development program which sometimes necessitates specification changes without notice. Please contact us for latest version.

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