

OC - 40 Oxygen Sensor



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

The Ntron 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 directly in-situ to the process with the M18 x 1.5mm threaded connection, or can be used in a flow-through installation when the sample being measured is passed by the sensor.

The OC-40 Zirconia Sensors are recommended for use with the Ntron 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
- Intergral Flow Through base optional
- M18 x 1.5mm threaded connection

Technical Specifications

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