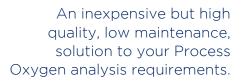


# **OC - 40** Oxygen Sensor



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 via the integral flow through G1/8 threaded connections.

OxysenZ

SERIAL NO: 360645 MOEL NO: OC-40 PART NO: 02 RANGE: 96% DATE 03

DATE: 031

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
- G1/8" threaded connection

### EXCELLENCE THROUGH DIVERSITY

### **Datasheet:**

D-02-445-P-002



# **OC - 40** Oxygen Sensor

## 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	< 10 seconds	
Electrical Connection	100cm Potted Cable	
Mechanical Connection	G1/8" Threaded Connection	
Storage Life	12 Months	
Expected Operating Life	3-5 Years	
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 specifiction changes without notice. Please contact us for latest version.

### EXCELLENCE THROUGH DIVERSITY

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