

Microx 123 Oxygen Analyser



The Microx 123 oxygen analyser is a low cost OEM designed unit for 0-96% range O₂ measurement with an OC-40 sensor.

The remote mounted sensor utilises zirconia technology to give a reliable and fast response time, long-life and no drift for oxygen measurement.

The Microx 123 is a panel mount device for locating within control panels.

Applications

An Oxygen Analyser for use in:

- Additive Manufacturing
- Glove box purge and leak detection
- Air Separation
- Wave Soldering
- Inert Ovens
- Food and Beverage industries
- Pharmaceutical industries
- Gas Generation industries

Features

- Measurement range: 0-96%
- Reliable Zirconia sensor technology
- Panel mount
- LCD display and 4 button multifunction keypad
- Analogue 4 to 20mA output for retransmission of measured signal
- RS232 communications
- 220VAC power supply
- 3 Configurable alarm relay contacts
- Flowthrough oxygen sensor base

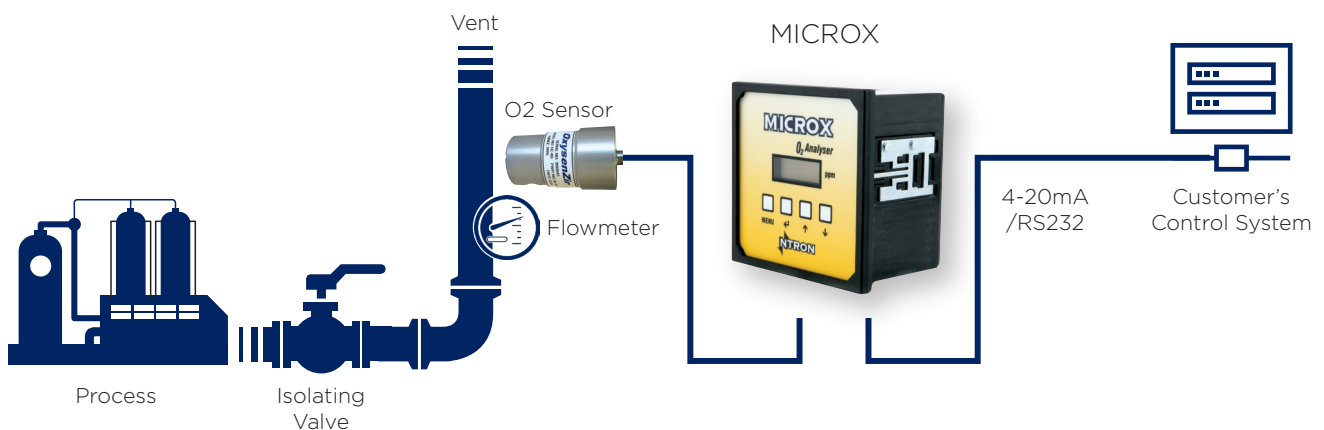
Microx 123 Product specifications

Gas Type / Range	Oxygen / 0 - 96%
Sensor Technology	Zirconia sensor technology
Sensor Type	Ntron O2 Sensor % (OC-40)
Resolution	0.01% Oxygen
Response Time (T95)	<10 seconds at 20°C
Sensor Life	3-5 years application dependant
Relative Humidity	0 - 95% non-condensing
Temperature range	-20°C to +50°C
User interface	4 button keypad
Display	100 x 33 dot graphics display module
Power Requirements	85 - 264 VAC
Analogue Output	4 to 20mA, Linearity is $\pm 1\%$
Relay Outputs	3 off relay, dry contact 5 Amp rated
Serial Communication	RS 232 bi-directional
Dimensions	96mm (h) x 96mm (w) x 83mm (d)
Weight	160g
Mounting	Panel Mount
Environmental Rating	IP20. IP65 when fitted with part number O2-506 cover and mounted in an IP65 Enclosure.
Electromagnetic Compatibility	CE Marked and tested to EN61000-6-4; EN61000-6-2; EN55022

Microx 123 Ordering information

Product	Sensor Type	Measurement Range	Process Connection	Part No.
Microx 123	Zirconia	0-96%	Flow through sensor base	01-887
Standard Cable Length - 3 metres				

Microx 123 Typical setup



EXCELLENCE
THROUGH DIVERSITY

Mullaghboy Industrial Park, Navan, Co. Meath, Ireland
PHONE: +353 (0)46 907 1333 | FAX: +353 (0)46 907 1331
EMAIL: sales@ntron.com | WEB: www.ntron.com