

Microx-209

Oxygen Analyser

High Purity

Zirconia Technology



The Microx-209 is a highly reliable and cost-effective Oxygen Analyser with a linearized 4 to 20 mA output and 3 alarm outputs. It has a detection range of 0-1000ppm Oxygen.

This compact analyser utilises zirconia technology to give a reliable and fast response time, long life and minimal drift of oxygen measurement.

Applications

:An Oxygen Analyser for use in

- Glove box purge and leak detection
- Additive manufacturing
- (Gas generation (Oxygen / Nitrogen
- Semiconductor wafer machines
- Wave soldering
- Membrane air separators
- Inert welding gases
- Inert ovens
- Medical gas applications
- Pharmaceutical industries
- Food and beverage industries
- Gas generation industries

Features

- Measurement range: 0-1000ppm
- Display resolution: 1ppm Oxygen
- Reliable zirconia sensor technology
- Low cost compact oxygen analyser
- Din rail mount
- LCD display and 4 button multifunction keypad
- Analogue 4 to 20mA output for retransmission of measured signal
- RS232 communications provided
- 24VDC power supply
- configurable alarm relay contacts 3
- Flowthrough oxygen sensor base
- High Purity Model

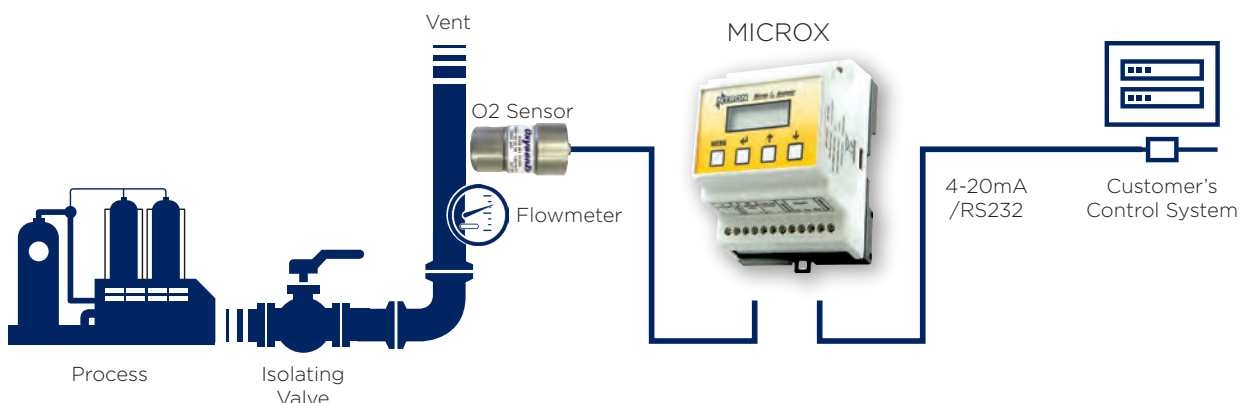
Microx-209 Product specifications

Gas Type / Range	Oxygen / 0 - 1000ppm Oxygen
Sensor Type	OC-38 Oxygen Sensor
Sensor Life	3-5 years depending on O2 level exposure
Response Time (T95)	<10 seconds
Power Requirements	24VDC +/- 10%, Max. Load 160mA
Mounting	Din Rail
Display	100 x 33 dot graphics display module
Display Formats	ppm Oxygen
Digital Output Opt.	3 off relay, dry contact 5 Amp rated
Analogue Output	4 to 20mA, Linearity is +/- 1%
Environmental Rating	Analyser enclosure IP20
Resolution	1ppm Oxygen
Temperature range	-20°C to +50°C
User Interface	4 button keypad
Communications	RS 232 bi-directional
Dimensions	86mm (h) x 69mm (w) x 58mm (d)
Weight	150g
Electromagnetic Compatibility	CE marked and tested to EN610000-6-4, EN610000-6-2, EN55022

Microx-209 Ordering information

Product	Sensor Type	Measurement Range	Enclosure Type	Part No
Microx-209	Zirconia	0 - 1000ppm	Din Rail	01-729

Microx-209 Typical application setup



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Microx-210 High Purity Oxygen Analyser



The Microx is a highly reliable and cost-effective Oxygen Analyser with a linearized 4 to 20 mA output and 3 alarm outputs. It has a detection range of 0-25% oxygen.

This compact analyser utilises zirconia technology to give a reliable and fast response time, long life and minimal drift of oxygen measurement.

Applications

:An Oxygen Analyser for use in

- Glove box purge and leak detection
- Additive manufacturing
- (Gas generation (Oxygen / Nitrogen
- Semiconductor wafer machines
- Wave soldering
- Membrane air separators
- Inert welding gases
- Inert ovens
- Medical gas applications
- Pharmaceutical industries
- Food and beverage industries
- Gas generation industries

Features

- Measurement range: 0-25%
- Display resolution: 0.01%
- Reliable zirconia sensor technology
- Low cost compact oxygen analyser
- Din rail mount
- LCD display and 4 button multifunction keypad
- Analogue 4 to 20mA output for retransmission of measured signal
- RS232 communications provided
- 24VDC power supply
- configurable alarm relay contacts 3
- Flow through oxygen sensor base
- High Purity Model

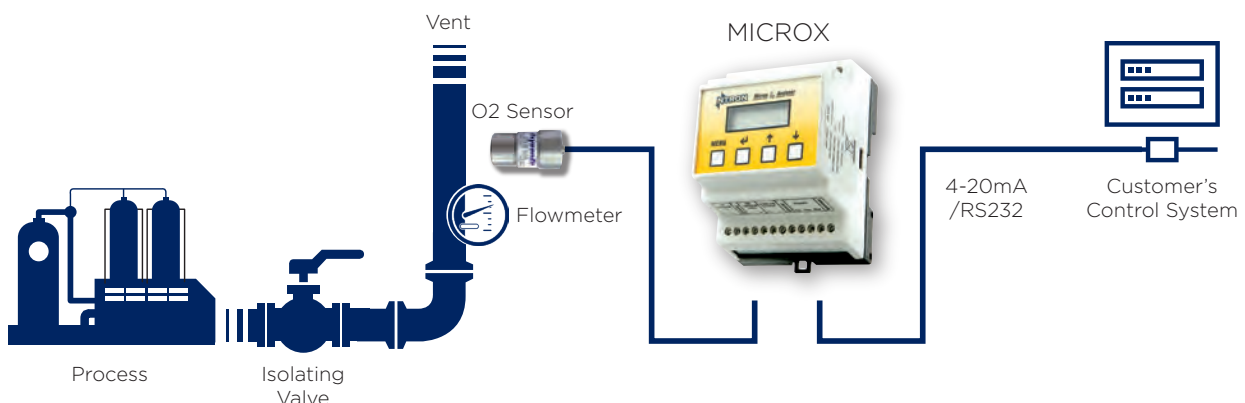
Microx-210 Product specifications

Gas Type / Range	Oxygen / 0 - 25%
Sensor Type	OC-39 Ntron Oxygen Sensor
Sensor Life	3-5 years application dependant
Response Time (T90)	<10 seconds @ 20°C
Power Requirements	24VDC +/- 10%, Max. Load 160mA
Mounting	Din Rail (M36)
Display	100 x 33 dot graphics display module
Display Formats	% Oxygen
Digital Output Opt.	3 off relay, dry contact 5 Amp rated
Analogue Output	4 to 20mA, Linearity is +/- 1%
Environmental Rating	Analyser enclosure IP20
Resolution	0.01% Oxygen
Temperature range	-20°C to +50°C
User Interface	4 button keypad
Communications	RS 232 bi-directional
Dimensions	86mm (h) x 69mm (w) x 58mm (d)
Weight	150g
Electromagnetic Compatibility	CE marked and tested to EN610000-6-4, EN610000-6-2, EN55022

Microx-210 Ordering information

Product	Sensor Type	Measurement Range	Enclosure Type	Part No
Microx-210	Zirconia	0 - 25%	Din Rail	01-634

Microx-210 Typical application setup



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