

MICROX % ZR 96

Oxygen Analyser With % Zirconia Sensor

Compact and rugged 0-96 % Oxygen Analyser

Applications in the Gas Generation, Pharmaceutical, Food and Beverage Industries.



An Inexpensive but high quality solution to your Oxygen analysis requirements

Key Features

- Long Life, Low Maintenance Zirconia Sensor
- Low Cost Compact Oxygen % Analyser .
- LCD Display and 4 Button Multifunction Keypad.
- Analogue 4-20mA Output for retransmission of measured
- RS232 Communications provided.
- Plug & Socket terminal Connections

Product Description

The INMATEC Microx Oxygen Analysers are a range of high quality low cost OEM designed Din Rail units for high quality Oxygen analysis.

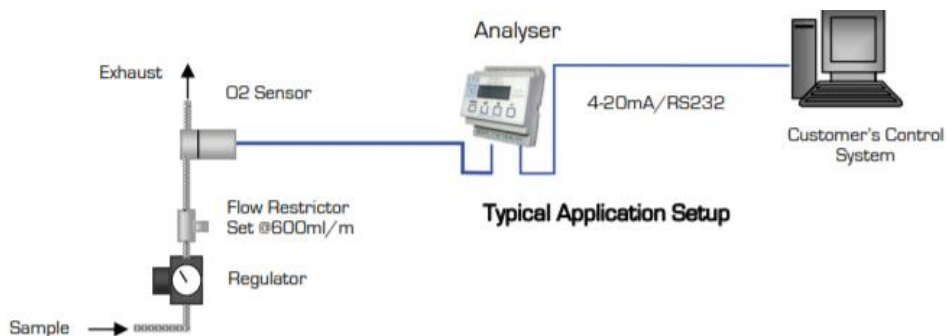
The Microx % ZR 0-96% is configured to measure in the range 0-96% oxygen by volume.

A process sample is presented to the Zirconia Sensor by means of sample line connection to the integral flow through base.

Inmatec Part No. 2009011197



TECHNICAL SPECIFICATIONS	
ANALYSER OVERALL SIZES:	86 mm High x 69 mm Wide x 58 mm Deep.
MOUNTING:	Din Rail Mount M36.
ANALYSER WEIGHT:	Panel Mount -150 gr
SENSOR:	Mini-Zirconia.
SENSOR HOUSING:	62.5 mm (L) x 31 mm (DIA); Aluminium Alloy; Weight - 150 gr. Potted Connection cable. 1/8" NPT sample connection.
MEASUREMENT RANGE:	0-25% ; 0-96% Oxygen configurable
REPOSE TIME T 90:	<5 seconds.
RESOLUTION:	+/- 0.01 % (0-25% range); +/-0.1% (0-96% range)
ACCURACY:	+/- 1 % Of Range
POWER REQUIREMENTS:	24 VDC +/- 10%. (Max. Load 160mA)
DISPLAY:	100 x 33 dot graphics display module.
USER INTERFACE:	4 button keypad.
COMMUNICATIONS:	RS 232 bi-directional.
ANALOGUE OUTPUT:	4-20 mA current loop powered. Linearity is +/- 1%.
DIGITAL OUTPUTS OPTIONAL:	3 off Relay, Dry Contact 5 Amp rated.
TEMPERATURE RANGE: (ambient)	Operating -5°C to + 50°C. Storage -20°C to +50°C.
ENVIRONMENTAL RATING:	IP rating varies depending on packaging offered or required.
ELECTROMAGNETIC COMPATIBILITY:	CE marked and tested to EN61000-6-4; EN61000-6-2; EN55022;
ANALYSER PART No.:	01-397
SENSOR PART No.:	01-398



Typical Sampling Arrangement

PS-Microx-D-%-ZR-96-01-419-001-11



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