

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.



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

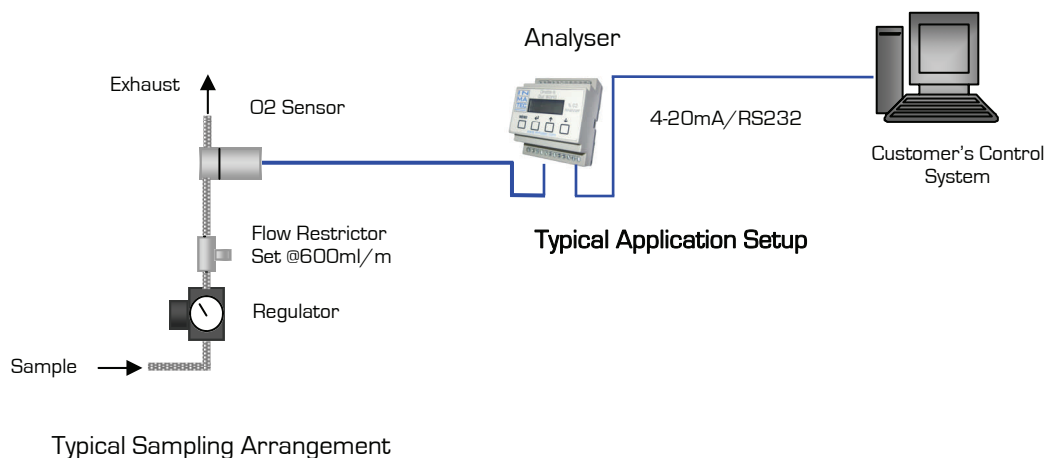
An Inexpensive but high quality solution to your Oxygen analysis requirements

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 signal.
- RS232 Communications provided.
- Plug & Socket terminal Connections



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



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

ONSITE IS OUR WORLD <

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