

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

Key Features:

- Low Cost Compact Oxygen Analyser
- Din rail mounting
- LCD Display and 4 Button Multifunction Keypad
- Analogue 4-20mA Output for retransmission of measured signal
- RS232 Communications provided
- 24 VDC Power Supply
- 3 configurable alarm relay contacts
- Reliable Electrochemical Sensor Technology
- 6 mm tube stub Oxygen sensor connection



Product Description

The Microx Oxygen Analysers are a range of low cost OEM designed units for 0-25% range Oxygen measurement with an OC-30 sensor.

The remote-mounted oxygen Sensor utilises Electrochemical technology to give a reliable, low cost solution for % Oxygen measurement. Operational life is typically 24 Months when used within stated specifications.

The Microx is a Din Rail Mount Analyser which has 3 configurable alarm contacts, 4-20 mA output and RS232 communication.

Part number: 03-810



Technical Specifications

ANALYSER OVERALL SIZE:	86 mm High x 69 mm Wide x 58 mm Deep
MOUNTING:	Din Rail. (M36)
WEIGHT:	150 gr
GAS TYPE MEASURED:	Oxygen
MEASUREMENT RANGE:	0-25% Oxygen
REPOSE TIME T 95:	<10 seconds at 20°C
RESOLUTION:	0.01% Oxygen
SENSOR TYPE:	Ntron Oxygen Sensor, OC-30
SENSOR LIFE:	24 months typically
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, Linearity is +/- 1%.
DIGITAL OUTPUTS OPTIONAL:	3 off Relay, Dry Contact 5 Amp rated.
DISPLAY FORMATS:	% Oxygen
TEMPERATURE RANGE:	-20°C to 45°C
ELECTROMAGNETIC COMPATIBILITY:	CE marked and tested to EN61000-6-4; EN61000-6-2; EN55022;

