

A Compact and rugged % Zirconia Sensor Oxygen Monitor For Personnel Protection in the Gas Generation, Pharmaceutical, Food and Beverage Industries

Key Features:

Long Life, Low Maintenance Zirconia Sensor

Low Cost Compact Ambient Oxygen Monitor

LCD Display and 4 Button Multifunction Keypad

Analogue 4-20mA Output for retransmission of measured signal

Built in Audible and Visual Alarms

70-230 VAC Operating Power options

Optional Alarm Relay contact Outputs



Product Description

The GASENZ Oxygen Monitor is a low cost solution designed for the monitoring of Oxygen Deficient Atmospheres in any work area, where the risk of asphyxiation may occur due to the presence of Inert Gases like Nitrogen or CO₂.

The GASENZ is a Surface Mounting solution for allowing great flexibility to satisfy any Oxygen monitoring requirements.

The Monitor comes complete with an integrally mounted Oxygen Sensor as well as Alarm Annunciation.

The GASENZ Oxygen Monitor uses Zirconia Oxide Sensor technology to give a long life low maintenance Oxygen monitoring solution.



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Technical Specifications

OVERALL SIZE:	145 mm(H) x 110 mm(W) x 93 mm (D) (including cable glands)
WEIGHT:	Approx. 250 gr
GAS TYPE MEASURED:	Oxygen
MEASUREMENT RANGE:	0-25% Oxygen
REPOSE TIME T 90:	0-25% <2 Seconds
RESOLUTION:	+/- 0.01 % for 0-25% range
POWER REQUIREMENTS:	85 to 264 VAC
DISPLAY:	100 x 33 dot graphics display module
USER INTERFACE:	4 button keypad
ANALOGUE OUTPUT:	4-20 mA current loop powered. Linearity is +/- 1%.
DIGITAL OUTPUTS OPTIONAL:	2 off Relay, Dry Contact 5 Amp rated. (2-Relay outputs assigned to control Light Tower Indicator
DISPLAY FORMATS:	% Oxygen
TEMPERATURE RANGE:	-20°C to +60°C
ENVIRONMENTAL RATING:	IP 65
ELECTROMAGNETIC COMPATIBILITY:	CE marked and tested to EN61000-6-4; EN61000-6-2; EN55022; *EN61000-3-3;

Replacement sensor:, part number: 02-333

