



GASENZ

Ambient Oxygen Analyser

The GASENZ 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 gases like Nitrogen or excessive CO₂.

This compact and rugged range of % Oxygen and % Zirconia Sensor Oxygen Monitors are perfectly suited for personnel protection in the gas generation, pharmaceutical, food and beverage industries.

Applications

An Ambient Oxygen Analyser for use in:

- Gas Generation
- Pharmaceutical
- Food and Beverage Industries
- Process Industries
- Petrochemical industries
- Chemical storage
- Water and Wastewater
- LPG storage
- Paint booths
- Steel mills

Features

- Low cost compact ambient oxygen monitor
- Long life, low maintenance Zirconia sensor option
- Electrochemical oxygen 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
- 24 VDC operating power options
- Optional alarm relay contact outputs



More Control with Less Hassle

The Ntron Gasenz Analyser is a wall mounted device which can monitor Oxygen. It is suitable for installation in a variety of non-hazardous areas. Contained within the unit are optional audible/visual alarms

Options to Suit Your Needs

The Ntron Gasenz Analyser has inputs for a 4-20 mA signal and can display data from a host of external devices, ie: this additional versatility could be used for a range of Ntron sensors, transmitters or probes.

Sample Systems

In addition to standard features and options, Ntron offers a full line of sample handling systems for a variety of applications. If needed, Ntron can design and build a sample conditioning system to meet unique application requirements. Please contact Ntron for details.

GASENZ Ambient Oxygen Analyser

Product specifications

Gas Type / Range

Oxygen / 0 - 25%

Sensor Type

Ntron Oxygen Sensor
Zirconia Oxygen Sensor

Response Time (T90)

<12 seconds (Oxygen) / <150 seconds (Ozone)
<2 seconds (Zirconia) / <30 seconds (CO₂)

Power Requirements

Max. Load 160mA,
85 - 264VAC / 24 VDC +/- 10%

Digital Output Opt.

1 off relay, dry contact 5 Amp rated.
(2 relay outputs assigned to control Light Tower Indicator)

Analogue Output

4 to 20mA current loop powered,
Linearity is +/- 1%
RS 485 Modbus

Environmental Rating

Enclosure IP65

Dimensions

145mm (h) x 110mm (w) x 93mm (d)
Including cable glands

Weight

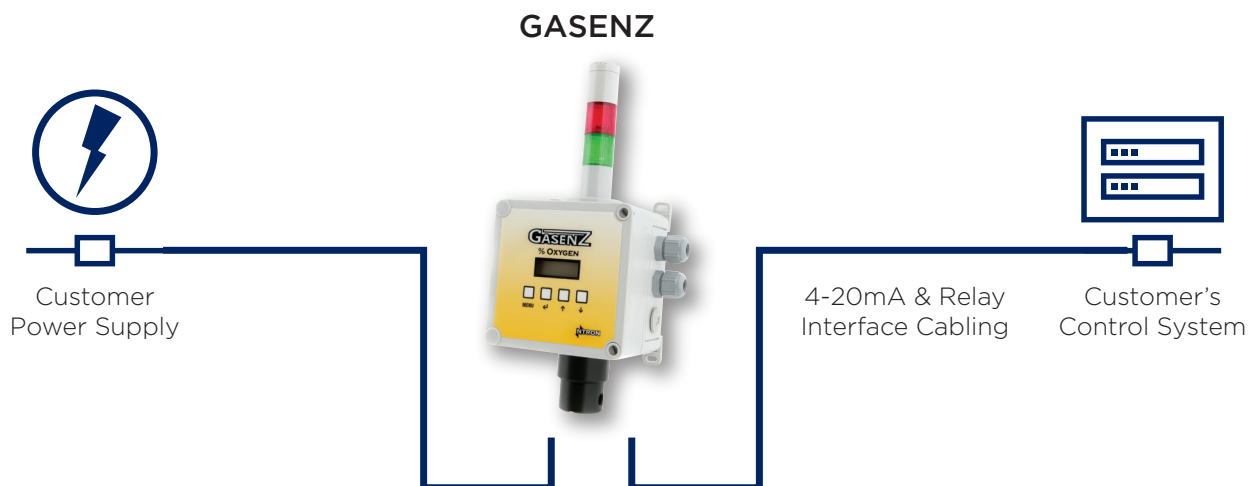
Approx. 250g

Electromagnetic Compatibility

CE marked and tested to
EN-IEC-61000-6-4, EN-IEC-61000-6-2,
EN-IEC-55022

GASENZ Ambient Oxygen Analyser

Typical application setup



Please note: Ntron Ltd. adopts a continuous development program which sometimes necessitates specification changes without notice. Please contact us for latest version.

www.ntron.com

CONTACT: Mullaghboy Industrial Park, Navan, Co. Meath, Ireland
PHONE: +353 (0)46 907 1333 | FAX: +353 (0)46 907 1331 | EMAIL: sales@ntron.com