

# OxyTx 104 Oxygen Analyser



Intrinsically safe, surface mounted, two-wire loop powered oxygen analyser / transmitter with electrochemical sensor technology for 0-25% oxygen measurement.

## Features

- Intrinsically Safe Area/Zone device with an IP66 ABS housing
- Certified for use in hazardous areas when powered by an intrinsically safe barrier
- Large 4 Digit LCD display for local % O<sub>2</sub> concentration readout
- Analogue 4-20mA Output for retransmission of measured signal
- Non Intrusive user calibration by push buttons

## Applications

### A Oxygen Gas Detector/Transmitter for use in:

- Chemical Industry
- Pharmaceutical industries
- Food & beverage industries
- Process & Gas generation industries

## Overview

The OxyTx 104 is an Intrinsically Safe Fixed Gas Analyser / Transmitter. It is a surface mounted device with a remote mounting 'Bullet' sensor and is suitable for locating within hazardous areas.

The OxyTx 104 is designed to measure Ambient Oxygen in the range 0-25%.

Comes complete with Bullet Sensor as part number 02-409. The sensor is remote mounted for ease of use and maintenance.

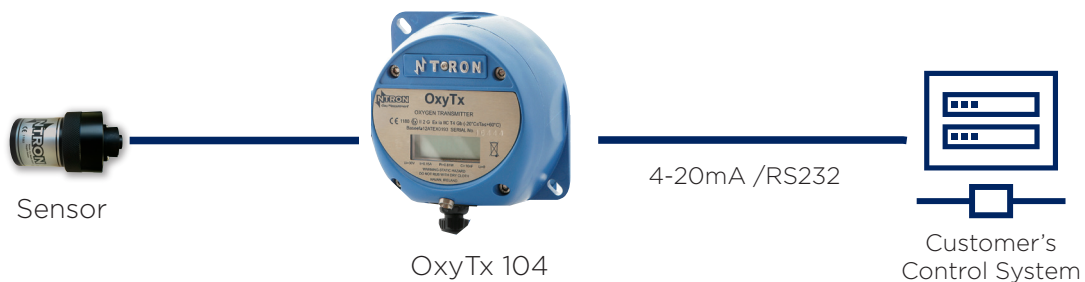
# OxyTx 104

## Product specifications

<b>Gas Type / Range</b>	Oxygen (O <sub>2</sub> ) / 0 - 25%
<b>Sensor Type</b>	Electrochemical Sensor (OC-2 / OC-16 / OC-21)
<b>Sensor Life</b>	12 months
<b>Response Time (T90)</b>	<20 seconds
<b>Power Requirements</b>	2-Wire Loop Powered 7-30 VDC (24VDC nominal) suitable 4-20mA Interface circuitry
<b>Mounting</b>	Surface mount by 2 x fasteners (M6)
<b>Display</b>	4 Digit LCD
<b>Environmental Rating</b>	IP66
<b>Operating Humidity</b>	0 to 95% RH non-condensing
<b>Analogue Output</b>	4 to 20mA current loop powered
<b>Resolution</b>	0.1%
<b>Temperature range</b>	-20°C to +40°C
<b>User Interface</b>	4 Push Buttons
<b>Material</b>	ABS with Stainless steel identification label
<b>Dimensions</b>	140mm (h) x 122mm (w) x 75mm (d)
<b>Weight</b>	800 grams
<b>ATEX Certification</b>	ATEX II 2 G EEx ia II C T4

# OxyTx 104

## Application setup



# OxyTx 104

## Ordering information

Product	Sensor Type	Measurement Range	Enclosure Type	Part No.
OxyTx 104	Electrochemical	0 - 25%	Surface Mount	O2-409