







### OxyTx 200 Oxygen Analyser

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

#### **Features**

- Intrinsically Safe device with an IP66 ABS Housing
- Certified for use in hazardous areas when powered by an intrinsically safe barrier
- ATEX Approved, Certified to EEx ia II C T4, ATEX II 2 G
- Large 4 Digit LCD display for local % O2 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 200 is an Intrinsically Safe Fixed Gas Analyser / Transmitter. It is a surface mounted device with an integral built-in sensor and is suitable for locating within hazardous areas.

The OxyTx 200 is designed to measure Ambient Oxygen in the range 0-25%.

The OxyTx 200 comes complete with the OC-48 range of oxygen sensor. The sensor is built-in for ease of use.

EXCELLENCE
THROUGH DIVERSITY

Datasheet: D-01-510-P-002





## OxyTx 200

### Product specifications

Gas Type / Range	Oxygen $(O_2) / O - 25\%$		
Sensor Type	Electrochemical Sensor (OC-48 built-in)		
Sensor Life	24 months		
Response Time (T90)	<20 seconds		
Power Requirements	2-Wire Loop Powered 7-30 VDC (24VDC nominal) via suitable Isolation		
	Barrier if used in Hazardous Area		
Mounting	Surface mount by 2 x fasteners (M6)		
Display	4 Digit LCD		
Environmental Rating	IP66		
Operating Humidity	0 to 95% RH non-condensing		
Analogue Output	4 to 20mA current loop powered		
Resolution	0.1%		
Temperature range	-20°C to +40°C		
User Interface	4 Push Buttons		
Material	ABS with Stainless steel identification label		
Dimensions	140mm (h) x 122mm (w) x 75mm (d)		
Weight	800 grams		
ATEX Certification	ATEX II 2 G EEx ia II C T4		

# OxyTx 200

### Application setup



## OxyTx 200

## Ordering information

Product	Sensor Type	Measurement Range	Enclosure Type	Part No.
OxyTx 200	Electrochemical	0 - 25%	Surface Mount	01-510

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