nyad inc.
Your Breathing Air Assured!

MODEL 201TS-RD

ONE TOUCH PERCENT OXYGEN DEFICIENCY MONITOR

The NYAD series 201TS-RD Percent Oxygen Deficiency Monitor features an advanced electrochemical sensor. The sensor output is sent to our micro-processor based controller which then provides a digital display of Oxygen in the range of 0- 25%.

The Series 201TS-RD includes two adjustable alarm contacts with panel mounted visual LED's and an enclosure mounted audible alarm as well as 0-5 VDC or 4-20mA output that has user adjustable zero and span. Other signal outputs are also available.

The Series 201TS-RD also includes NYAD's one touch calibration feature allowing the user to easily perform periodic calibrations using certified span gas.

This NYAD product offers a remote sensor enclosure. Within that enclosure, a fan is installed that draws room air over the sensor ensuring the sensor is not responding to stagnant air.

APPLICATIONS

ROOM OXYGEN MONITORING	CHEMICAL PROCESSING
HEAT TREATING	MEDICAL AIR
AEROSPACE	BREATHING AIR
INDUSTRIAL GAS	SEMICONDUCTORS

ADVANTAGES OF NYAD ANALYZERS

The NYAD Series 201T Analyzers are available in various configurations to meet customer specific applications, ranging from O.E.M to Nema 7 explosion proof systems. Our state-of-the-art technology and design will ensure the highest level of detection with precise and accurate measurements.

The NYAD Oxygen Analyzer provides:

- Fast and precise response
- Accuracy and reliability
- Long sensor life
- Easy one touch calibration
- User friendly controls
- 5 Year warranty (not including sensor)

SCAN ME

FEATURES

NFPA and NFPA1989 COMPLIANT
MICROPROCESSOR BASED
ONE TOUCH CALIBRATION FEATURE
DUAL ADJUSTABLE ALARM CONTACTS
OPERATING RANGE: 0-25%
ELECTROCHEMICAL SENSOR
LARGE 4-DIGIT BACKLIT LCD DISPLAY
AUDIBLE ALARM
OPTIONAL FAIL SAFE
REMOTE SENSOR MONITORING

ELECTRONICS

ALARM: SPDT, 1A @120 VAC
OUTPUT: 0-5VDC or 4-20mA
POWER: 120/220VAC/12-24V
(50/60 Hz., 1W Max)
DIGITAL OUTPUT: RS-232, RS-485
DISPLAY: 4-Digit LCD, 0.5” High

SPECIFICATIONS

O2 PERCENT SENSOR
RANGE: 0-25%
ACCURACY FULL SCALE: +/-1%
REPEATABILITY: +/- 0.5%
LINEARITY: 0.5%
TEMPERATURE COEFFICIENT: 0.2% Signal / °C
RESPONSE TIME: <15 secs.
OPERATING TEMP: -4°F to +122°F
OPERATING HUMIDITY: 0-99% RH (Non-Condensing)
SENSOR LIFE: Up to 2 years
CALIBRATION INTERVAL: Per local NFPA requirements

SERIES 201TS-RD MONITOR

NEMA 4 – Model OA-251TS
Weather Proof, Wall Mountable Enclosure Suitable for indoor or outdoor installations
7.72"Wx7.72"Hx5.71"D

REMOTE SENSOR MONITOR
Weather Proof, Wall Mountable Enclosure Suitable for indoor or outdoor installations
4.8"Wx4.8"Hx3.5"D

Special configurations available to meet customer specific applications.

THIS UNIT IS COMPRISED OF TWO ENCLOSURES
1) FOR ELECTRONICS
2) FOR REMOTE SENSOR MONITORING

SERVICES AVAILABLE

Calibration Service
Technical Support
Installation and Setup Support
Maintenance Support
Application Support
Hardware Support
Guaranteed Warranty

nyad inc.
protecting our heroes one breathing air system at a time

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