

# OMD-401D Percent Oxygen Analyzer



Precision Electrochemical Sensor Technology  
 Large Color Display w/ User Friendly Menu  
 5 Standard Analysis Ranges  
 Auto-Ranging or Manual Range Mode  
 Two Adjustable Alarm Contacts w/ delay mode  
 1/4 DIN Panel Mount Compact Design

### Specifications:

Ranges:	0 - 1%, 5%, 10%, 25%, 100%
Accuracy:	+/- 2% Full Scale Range*
Display:	Color with Backlight
Dimensions:	1/4 DIN (96 x 96 x 65mm)
Enclosure:	Flush Mount, ABS
Classification:	General Purpose
Temperature:	0 - 50 deg C
Alarms:	2 Adjustable NO or NC
Power:	12 - 24 VDC
Signal Output:	4 - 20mA
Range ID:	1 - 5 VDC (Optional 4 -20mA)
Response time:	T90 in 10 Seconds
Sensor:	PO2-160 Percent Oxygen
Sensor Life:	42 - 60 months
Calibration:	Periodically
Temperature Compensation:	Integral
Flow Sensitivity:	1 - 4 SCFH
Flow Cell:	H3 Flow through, 1/8" Comp.
Warranty:	12 Months Sensor
Warranty:	12 Months Electronics

\*Accuracy at constant conditions



### Applications:

- Inert Glove Box Systems
- Nitrogen and O2 PSA Generators
- Laboratories & Universities
- Medical Grade Oxygen
- Air Separation Plants  
& Many Others

### Optional Accessories:

- Optional Ranges: Fully Customizable from Factory
- H3 Flow Through Sensor Housing 1/4" Compression
- H1 Direct Install KF-40 (NW40-KF) Sensor Housing
- IP66 (NEMA4X) Enclosure for Outdoor Installation
- Customizable Sample System w/ Shutoff Valve
- 100 - 240VAC Power Supply w/ Cover Plate
- International Language Support (Coming Soon)

"Inquiry for Application Expertise"



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