

Pro O₂ Analyzer Panel Mount Remote

SKU: 9460

Price: ?340.00



Description

When oxygen analysis is required away from where a panel mounted analyzer is installed, the Nuvair Pro O₂ Panel Mount Remote Analyzer is the answer. Designed for installation on a compressor control panel or other flat surface, the Nuvair Pro O₂ Alarm panel mount remote analyzer measures oxygen levels in breathing gas mixtures or air. Audible and visual alarms for low and high oxygen content can be set by the user. If the alarm sounds, the analog output can activate an optional relay that shuts down compressors automatically, sounds a remote alarm, or activates an emergency backup system.

Its threaded oxygen sensor is ideal for in-line gas sampling or monitoring of contained spaces. The Nuvair panel mount remote oxygen analyzer is used in a variety of industries including diving, inerting, welding, medical, and laboratories. Compatible with mixed gases like nitrox, heliox, and trimix. Four power options available.

WARNING: Never expose gas sensors to pressure or you may cause damage and/or false readings. Damaged sensors will not provide accurate gas analysis. Most gas analyzers can be used to analyze a regulated gas sample flow, the contents of a gas cylinder, or the flow from a regulator. The flow rate of gas must equal 1-5 L/min. To produce this flow, a [Flow Restrictor and Regulator](#) may be required. A faulty Flow Restrictor can lead to a false analyzer reading. Flow Restrictors should be regularly tested with a Flow Meter. Inaccurate gas analysis can lead to serious personal injury or death.

Choose one of four available power options by using the **Power Options** dropdown menu (above).

Specifications

Maximum Gas Flow Rate	0.5–2 L/min (~1 bar)
Accuracy	±1% of full scale at constant temperature and pressure (0-1 atm) when calibrated with 100% oxygen
Sensor Type	Electrochemical

Expected Sensor Life	36 months in air at 25°C/77°F and 50% rh
Range	0–100% oxygen
Response Time	<6 seconds for 90% of final value
Operating Temperature	32°–104°F (0°–40°C)
Storage Temperature	32°–122°F (0°–50°C)
Operating Humidity	0–99% rh, non-condensing
Power	9-volt battery, rechargeable lithium-ion battery, DIN rail, or wall plug-in
Dimensions (L x W x H)	2 × 4 × 5-1/2" (5 × 10.2 × 14 cm)
Weight	11 oz (312 g)
Warranty	0–12 months free replacement 13–18 months 50% off replacement 19–24 months 25% off replacement
Replacement Sensor	9506