

Pro CO Alarm Analyzer Panel Mount

SKU: 9624

Price: ?632.00



Description

Summary

Designed for installation on a compressor control panel or other flat surface, the Nuvair Pro CO Alarm panel mount analyzer measures carbon monoxide (CO) levels in breathing gas mixtures or air. Audible and visual alarms for low and high carbon monoxide 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.

The Pro CO Alarm Analyzer is also available in a shutdown version (SKU 9624.1) that shuts down systems when set points are exceeded. Additional components are required for this device. Please [contact the Nuvair sales team](#) for assistance with ordering SKU 9624.1.

Available Options

Three power options are available for this analyzer: 110/220V wall plug-in, DIN rail, and lithium battery. For wall plug-in and DIN rail powered analyzers, two optional modules can be built into your analyzer: [FAILSAFE](#) and [SMART START](#).

Adding the **FAILSAFE Module** to your Nuvair Pro Alarm analyzer will automatically disable integrated power equipment if: (a) Analyzer power is interrupted, or (b) Analyzer goes into alarm. Adding a **SMART START Module** to your Nuvair Pro Alarm Analyzer will automatically power-up the analyzer in tandem with integrated power equipment, like a compressor.

Choose one of three available power options and two available module upgrades by using the **Power & Module Options** dropdown menu (above).

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.

Specifications

Flow Rate	0.5–1 L/min
Resolution	1 ppm
Repeatability	<+5%
Accuracy	±5%
Sensor Type	Electrochemical
Expected Sensor Life	>24 months in normal use from date of manufacture
Range	0-50 ppm CO
Alarms	Two user-programmable audible and visual alarms
Response Time	<50 seconds over complete temperature range
Operating Temperature	14° to 122°F (–10° to 50°C) continuous –4° to 122°F (–20° to 50°C) intermittent
Operating Humidity	Non-condensing: 15-90% continuous; 0-99% intermittent
Storage Temperature	14° to 140°F (–10° to 60°C)
Power Options	<ul style="list-style-type: none">· 9 Volt Battery (SKU 9624-B)· Rechargeable Lithium Battery (SKU 9624-LB)· 110/220V Wall Plug-in [International] (SKU 9624-E)· 12 Volt DIN Rail (SKU 9624-DP)
Dimensions (L x W x H)	4 × 2 × 5.5" (10.2 × 5 × 14 cm)
Weight	9 oz (0.3 kg)
Warranty	12 months
Replacement Sensor	SKU 9501