

Pro He Alarm Analyzer Panel Mount

SKU: 9628

Price: ?891.00



Description

Designed for installation on a control panel or other flat surface, the Nuvair Pro O2 panel mount alarm analyzer measures helium levels in mixed gases. Two audible and visual alarms for low and high helium 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. Does not require calibration. Can be used as a continuous reading analyzer while mixing gas.

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.

Features

- LCD display
- Auto switch off setting
- Fast response
- Made to test breathing gases
- Easy to operate, reliable and accurate
- Long life thermal conductivity sensor
- Display range of 0.0-100%
- Low battery warning indicator
- Two (2) custom audible and visual alarms
- 4-20 mA analog output for external devices

- Capable of shutting down compressor at set threshold alarm

Available Options

Three power options are available for this analyzer: 12V DIN Rail, 110/220V wall plug-in, or rechargeable lithium battery. For wall plug-in powered analyzers, two optional modules can be built into your analyzer: [FAILSAFE](#) and [SMART START](#).

Adding the **FAILSAFE Module** to your Nuvaair 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 Nuvaair 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).

Specifications

Full Scale Resolution	±2% over full scale
Display Accuracy	±2%
Humidity Range	0–90% rh, non-condensing
Response Time	<10 seconds for 90% of final value
Operating Temperature Range	41–104°F (5–40°C)
Storage Temperature Range	5–122°F (–15 to 50°C)
Expected Sensor Life	Up to 10 years under normal circumstances
Power Options	<ul style="list-style-type: none"> · 12V DIN Rail Power (SKU 9628-DP) · 110/220V Wall Plug-in [International] (SKU 9628-E) · 800mAh Rechargeable Lithium Battery (SKU 9628-LB)
Module Options	<ul style="list-style-type: none"> · 12V DIN Rail Power with FAILSAFE Module (SKU 9628-DP-FS) · 12V DIN Rail Power with SMART START Module (SKU 9628-DP-SS) · Wall Plug-in [International] with FAILSAFE Module (SKU 9628-E-FS) · Wall Plug-in [International] with SMART START Module (SKU 9628-E-SS)
Dimensions (L x W x H)	5.5 × 4 × 2" (14 × 10 × 5 cm)
Warranty	One year