

Pro CO Analyzer with Low Pressure/High Temp Alarms & Flow Meter

SKU: 9621F-LB

Price: ?1,816.00



Description

This version of the Pro CO Alarm analyzer detects:

- (1) CO in air flow from an operating compressor in excess user-defined set points
- (2) Compressor air outlet temperatures in excess of 350°F/177°C
- (3) Low air supply pressure, factory set at 100 psi (7 bar)

Similar to SKU 9621, the 9621F Series is equipped with a flow meter. Choose from the standard model (**SKU 9621F-LB**) or add a low pressure/high pressure (LP>HP) regulator on input (**9621F-HP-LB**).

If the analyzer readings fall outside of alarm set points, a relay sounds a piezo alarm and illuminates one of three panel LEDs (one each for CO, temperature and pressure). This same relay (10A @ 230VAC/30VDC ampacity) can activate an external relay to automatically shut down compressors, sound an external alarm or activate emergency backup systems.

The system includes an external temperature sensor with 12-feet of cabling, an externally mounted calibration gas inlet and exhaust port.

Features

- Compressor mounted instrument
- LCD display
- On/Off switch
- Rugged weatherproof housing

- Low maintenance required
- Low power consumption
- Battery test function
- Audible and visual alarms
- Cable relay for optional auxiliary equipment control
- Flow meter

Option

- High pressure/low pressure (HP>LP) regulator on input

Specifications

Flow Rate	0.5-1 L/min
Resolution	1 ppm CO
Repeatability	<+5%
Accuracy	±5%
Sensor Type	Electrochemical (CO)
Expected Sensor Life	>24 months in normal use from date of manufacture (CO)
Range	0-50 ppm CO
Alarms	<ul style="list-style-type: none"> • Two user-programmable audible and visual CO alarms • High temperature alarm at 350°F (177°C) • Low pressure alarm at 100 psi (7 bar)
SPDT Relay Ampacity	10A @ 230VAC/30VDC
Response Time	<50 seconds over complete temperature range (CO)
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	Rechargeable Lithium Battery
Dimensions (L x W x H)	7.41 × 7.79 × 4.31 in (18.8 × 19.8 × 10.9 cm)
Weight	7.8 oz (0.22 kg)
Warranty	12 months
Replacement Sensor	SKU 9501

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.