

Oxygen Sensor Replacement | 9507M

SKU: 9507M

Price: ?122.60



Description

The Nuvair 9507M is a replacement electrochemical oxygen sensor for gas analyzers. The 9507M replacement sensor fits the following analyzers:

- Nuvair Pro O₂ Alarm - Handheld
- Nuvair Pro O₂ Alarm - Panel Mount
- Nuvair Pro Trimix, sold after 05/2013

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

Output	8-13 mV in air at 25°C/77°F, sea level
Electrical Connector	Mating plug: Molex (PN 22-01-3037 or 22-01-2037)
Range	0-100% oxygen (max), 0-1% oxygen (min)
Accuracy	±1% of full scale at constant temperature and pressure (0-1 atm) when calibrated with 100% oxygen
Sensor Type	Electrochemical

	12 Months – 100% Parts and Labor
Expected Sensor Life	13-18 Months – 50% Sensor Only 19 – 24 Months – 25% Sensor Only
External Thread Size	M 16X1
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)
Humidity	0-99% rh (non-condensing)
Weight	1.2 oz (32 g)
Application	For surface/above-water diving cylinder verification applications; not intended for underwater use.
Warranty	0 – 12 Months Free Replacement 13 – 18 Months 50% Off Replacement 19 – 24 Months 25% Off Replacement

*Orders for this part may be subject to delay.

Third-Party Reseller Gas Analyzer & Sensor Warranty Period

Many Nuair products are available through third-party resellers, including retail stores, distributors, Amazon.com, and other e-commerce sites. For gas analyzers and replacement sensors purchased from this distribution network, the warranty period begins on the date of manufacture. However, when purchased directly from Nuair.com, the warranty starts on the purchase date.

Why? Because many gas analyzer sensors contain chemical cells similar to battery cells, which have a limited lifespan. Nuair takes extra care to ship only recently manufactured sensors and analyzers, ensuring the longest possible lifespan when purchased directly from Nuair.com.