

# Global Exhaust Sensors Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

<https://marketpublishers.com/r/G8CFDDA3C23FEN.html>

Date: June 2024

Pages: 109

Price: US\$ 3,480.00 (Single User License)

ID: G8CFDDA3C23FEN

## Abstracts

According to our (Global Info Research) latest study, the global Exhaust Sensors market size was valued at USD 28290 million in 2023 and is forecast to a readjusted size of USD 39230 million by 2030 with a CAGR of 4.8% during review period.

A sensor is a device that senses physical, chemical, and process changes in the environment and informs the system electronically. It sends out electronic signals, which are recorded and measured, and based on the information a counteractive change is implemented. Types of automotive sensors include fluid level, temperature, pressure, wheel speed, and exhaust gas sensors.

The exhaust sensors market is dominated by the O2 sensors segment. O2 sensors are an essential component in almost all automobiles. Previously, manufacturers used to fit one O2 sensor in their vehicles to monitor A/F mixture, but now extra O2 sensors are also integrated to observe the converter's operating efficiency.

The Global Info Research report includes an overview of the development of the Exhaust Sensors industry chain, the market status of Passenger Cars (Differential Pressure Sensors, Particulate Matter Sensors), Commercial Vehicles (Differential Pressure Sensors, Particulate Matter Sensors), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Exhaust Sensors.

Regionally, the report analyzes the Exhaust Sensors markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global

Exhaust Sensors market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Exhaust Sensors market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Exhaust Sensors industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., Differential Pressure Sensors, Particulate Matter Sensors).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Exhaust Sensors market.

**Regional Analysis:** The report involves examining the Exhaust Sensors market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the Exhaust Sensors market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Exhaust Sensors:

**Company Analysis:** Report covers individual Exhaust Sensors manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards Exhaust Sensors This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Passenger Cars,

Commercial Vehicles).

**Technology Analysis:** Report covers specific technologies relevant to Exhaust Sensors. It assesses the current state, advancements, and potential future developments in Exhaust Sensors areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Exhaust Sensors market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

### Market Segmentation

Exhaust Sensors market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

#### Market segment by Type

Differential Pressure Sensors

Particulate Matter Sensors

NOx Sensors

O2 Sensors

Other

#### Market segment by Application

Passenger Cars

Commercial Vehicles

## Major players covered

Robert Bosch

Continental

Delphi Automotive

Denso

Sensata Technologies

ABB

Analog Devices

Broadcom

Emerson Electric

Faurecia

Hitachi Automotive Systems

Hyundai KEFICO

NGK Spark Plugs

Tenneco

## Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Exhaust Sensors product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Exhaust Sensors, with price, sales, revenue and global market share of Exhaust Sensors from 2019 to 2024.

Chapter 3, the Exhaust Sensors competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Exhaust Sensors breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and Exhaust Sensors market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Exhaust Sensors.

Chapter 14 and 15, to describe Exhaust Sensors sales channel, distributors, customers, research findings and conclusion.

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