

# **Global Automotive Pressure Sensor Market Size study & Forecast, by Vehicle Type (Passenger Car, Commercial Vehicle), by Application (Tire Pressure Monitoring System, Brake Booster System, Engine Management System, Exhaust Gas Recirculation System, Air Bag System, Vehicle Dynamic Control) and Regional Analysis, 2022-2029**

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## **Abstracts**

Global Automotive Pressure Sensor Market is valued approximately USD 10.10 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 7% over the forecast period 2022-2029. The automotive pressure systems are used to detect the pressure of gases and fluids used in a vehicle. The anti-lock braking system (ABS), engine controller, airbags, and tyre monitoring system are indeed a few of the sections of a vehicle where they can be used. The engine control is thought to contain the most of these sensors. The growing need for pressure sensors is fueled by new government regulations related to security and safety features. The mandated deployment of ABS in passenger cars starting in 2018 in India, for instance, will accelerate the market's expansion for automotive pressure sensors. The safety of the clients will increase with further deployment of these pressure sensors. The key factor driving the market growth is rising automotive industry, stringent government regulation, and rising safety awareness among individuals that anticipated to support the market growth during forecast period.

The rising automotive industry is creating the lucrative demand for the pressure sensor due stringent government regulation. According to International Organization of Motor Vehicle Manufacturers, the number of vehicles produce in 2020 was 77621582 units and the number reached 80145988 units in 2021. As a result, the rising automotive

vehicle production globally is anticipated to support the market growth. Additionally, the rising emergence of semi-autonomous and autonomous vehicles is anticipated to create the lucrative opportunity for the market during forecast period. However, the high cost of Automotive Pressure Sensor stifles market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global Automotive Pressure Sensor Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. Asia-Pacific is the dominating region across the world in terms of market share, owing to the increasing number of passenger cars and commercial vehicles on road, growing advent of connected cars and automated driverless vehicles and advancements in the regulatory framework associated to pressure sensors in the region. Whereas, North America is also anticipated to exhibit highest growth rate over the forecast period, owing to factors such as presence of key market players, growing automotive industry, and stringent government regulation would create lucrative growth prospects for the Automotive Pressure Sensor market across Asia Pacific region.

Major market player included in this report are:

Honeywell International, Inc.

DENSO Corporation

Robert Bosch GmbH

ST Microelectronics NV

Infineon Technologies

NXP Semiconductors

Continental AG

Sensata Technologies

Siemens

ABB

Recent Developments in the Market:

In July 2021, Goodyear announced to launch the DrivePoint-Tyre Pressure Monitoring System for trailers and trucks. Since the sensors can be rapidly put on the valves, this new method eliminates the need to demount the tyre, decreasing installation complexities and associated downtime.

Global Automotive Pressure Sensor Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Vehicle Type, Application, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope\*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Vehicle Type:

Passenger Car

Commercial Vehicle

By Application:

Tire Pressure Monitoring System

Brake Booster System

Engine Management System

Exhaust Gas Recirculation System

Air Bag System

Vehicle Dynamic Control

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific  
China  
India  
Japan  
Australia  
South Korea  
RoAPAC  
Latin America  
Brazil  
Mexico  
RoLA  
Rest of the World

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