

# **Saudi Arabia Automotive Sensors Market, By Sensor Type (Temperature Sensor, Pressure Sensor, Oxygen Sensor, Position Sensor, Motion Sensor, Torque Sensor, Optical Sensor, Others), By Vehicle Type (Passenger Car, Commercial Vehicle), By Application (ADAS, Chassis, Powertrain, Others), By Technology (MEMS, Non-MEMS), By Region, Competition Forecast & Opportunities, 2028**

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## **Abstracts**

Saudi Arabia automotive sensors market is anticipated to witness robust growth during the forecast period, 2024-2028. Growing demand for vehicle safety and a shift in consumer preference towards alternative fuel vehicles are the primary factors driving the growth of Saudi Arabia automotive sensors market. Also, ongoing advancements in sensor technology and the growing adoption of autonomous vehicles are expected to create massive growth opportunities for Saudi Arabia automotive sensors market in the next five years.

### **Growing Automotive Industry Drives the Market Demand**

Saudi's prefer to travel by using their private vehicles owing to extreme weather conditions and high per capita income. The Kingdom of Saudi Arabia has recently lifted the ban on women driving vehicles by themselves, increasing the number of women drivers in the country. Around 387.70 thousand passenger cars were sold in 2021 in Saudi Arabia, and this number is expected to grow in the next five years. The National Industrial Development Center (NIDC) is working to attract automotive original equipment manufacturers to produce 300,000 vehicles annually with local production of

40% by 2030 to achieve the targets set by Saudi Vision 2030. They are offering incentives, income tax exemptions, and loans with low-interest rates to automobile manufacturers, which is expected to boost the growth of the automotive industry. Intense competition among the automotive market players is making them invest in cutting-edge technologies and equipment, which is anticipated to significantly propel the demand for automotive sensors through the next five years.

### High Production and Sales of Electric Vehicles Spurs the Market Growth

The Kingdom of Saudi Arabia leading authorities are working on reducing the dependency on the oil & gas industry and generating new income sources to strengthen the economic status. Improved living standards of consumers and growing awareness about the adverse effect of greenhouse emissions on the environment are expected to boost the demand for electric vehicles in the country. Saudi Arabia has pledged to lower its carbon emissions to net zero by 2060 and has said that at least 30% of cars in Riyadh will be electric vehicles by 2030. The electric vehicle industry is still at an early stage. The total electric vehicle penetration in Saudi Arabia is less than 1%, which offers significant growth avenues to electric vehicle manufacturers. Also, the rise in efforts to develop supportive charging infrastructure is expected to support the growth of the electric vehicle industry in Saudi Arabia.

Electric vehicles employ several automotive sensors such as engine speed, temperature, vehicle speed, throttle position, and other sensors. With the growth of the electric vehicle industry, the demand for Saudi Arabia automotive sensors market is expected to witness significant growth in the forecast period.

### Increasing Demand for Vehicle Safety Influences the Market Growth

The Saudi Standards, Metrology, and Quality Organization (SASO) have issued standards for automobile manufacturers to strictly follow the safety regulations for the new cars to be manufactured. The new regulations should adhere to the guidelines stated in technical regulation sector 42 under the special requirements required to manufacture the cars. Also, automotive market players have to focus on advancing electronic components, safety sensors, smart braking systems, and other safety features under the proposed system. The growing focus of the leading authorities to increase automobile safety is expected to accelerate the Saudi Arabia automotive sensors market growth by 2027.

### Market Segmentation

The Saudi Arabia automotive sensors market is segmented into sensor type, vehicle type, application, technology, regional distribution, and competitive landscape. Based on sensor type, the market is divided into temperature sensors, pressure sensors, oxygen sensors, position sensors, motion sensors, torque sensors, optical sensors, and others. Based on vehicle type, the market is divided into passenger cars and commercial vehicles. Based on application, the market is divided into ADAS, chassis, powertrain, and others. Based on technology, the market is divided into MEMS and Non-MEMS. To analyze the market based on the region, the Saudi Arabia automotive sensors market is studied in major regions namely North & Central region, Southern region, Western region, and Eastern region.

### Market Players

Robert Bosch GmbH, Denso Corporation, Infineon Technologies AG, Texas Instruments Incorporated, Continental AG, Sensata Technologies, BorgWarner Inc. (Delphi Technology), Maxim Integrated, Analog Devices, Inc., General Electric Company, are among the major market players operating in the Saudi Arabia automotive sensors market.

### Report Scope:

In this report, Saudi Arabia automotive sensors market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

#### Saudi Arabia Automotive Sensors Market, By Sensor Type:

Temperature Sensor

Pressure Sensor

Oxygen Sensor

Position Sensor

Motion Sensor

Torque Sensor

Optical Sensor

Others

Saudi Arabia Automotive Sensors Market, By Vehicle Type:

Passenger Car

Commercial Vehicle

Saudi Arabia Automotive Sensors Market, By Application:

ADAS

Chassis

Powertrain

Others

Saudi Arabia Automotive Sensors Market, By Technology:

MEMS

Non-MEMS

Saudi Arabia Automotive Sensors Market, By Region:

Northern & Central

Southern

Eastern

Western

Competitive Landscape

*Saudi Arabia Automotive Sensors Market, By Sensor Type (Temperature Sensor, Pressure Sensor, Oxygen Sensor, Po...*

Company Profiles: Detailed analysis of the major companies present in Saudi Arabia automotive sensors market.

Available Customizations:

With the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

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