



Global Automotive Sensor Industry (Automobile, Body electronics) Analysis and Forecast 2027

Global Automotive Sensor Market, by Sensor types, by Method, by Application, by Vehicle type - Global Forecast 2027

PUNE, INDIA, June 10, 2016 /EINPresswire.com/ -- Global [Automotive Sensor Market](#) Report: Overview

Over the last 30 years, vehicle electronic systems are growing rapidly. The evolution of microcontroller and sensor technologies is providing authority to automobile industries to develop complex systems which can provide higher levels of vehicle control and safety to the end consumers. The Global automotive sensor market is increasing due to growing urbanization, rising environmental concerns, and increasing disposable income of middle class population.

At the starting phase, the automotive market is emerged as a technology-push product in a high-end model manufactured by OEMs. Later, the automotive sectors and the emerging technologies in the area started recognized by public. And thus these automotive systems and sensors are then introduced into all models of cars and hence become a successful high-end product.

The revenue generation of Automobile market varies with the geographical locations. The developed countries such as Germany and UK are showing high revenue sales in the high end luxury cars whereas the growing economies such as China, India has highest share in low end and medium end vehicles.

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Global Automotive Sensor Market Report: Application

The automotive sensors have been used in various applications such as in Automobile sectors, safety and control measures and body electronics. For instance, to build a technologically upgraded and a safe and secure platform for the consumers sensors such as Motor position sensors, steering sensors, Fuel level sensors, Headlight range sensors, Chassis level sensors accelerator pedal angel sensor among others is been provided in the product so that the end-consumer will feel safe while driving a vehicle. This also gives emphasis on building and innovating new models or designs for the future products.

Global Automotive Sensor Market Report: Market Growth Influencer

Some of the major growth driver of Automotive Sensor market includes growing popularity of autonomous driving systems, development of high end vehicles, and growing integration of semiconductor and internet of things. Other factors such as increasing consumer demand for safe and secure drive, growing competition and strict government regulations and increasing disposable income are also playing significant role in driving the Automotive Sensor market.

However, increasing pricing pressures, and underdeveloped aftermarket services are hindering the growth of Automotive Sensor market.

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Global Automotive Sensor Market Report: Market Segmentation

Global Automotive Sensor Market can be segmented into sensor types, method, applications and by vehicle type.

Global Automotive Sensor Market by Sensor type:

- Pressure sensor
- Temperature sensor
- Position sensor
- Motion sensor
- Optical sensor
- Torque sensor
- Gas sensor
- Level sensor
- Others

Global Automotive Sensor Market by Method:

- Micro- Electro-Mechanical systems (MEMS)
- Non- Electro-Mechanical systems (Non-MEMS)
- Nano- Electro-Mechanical systems (NMEMS)
- Others

Global Automotive Sensor Market by Application:

- Automobile
- Safety and control
- Body electronics
- Others

Global Automotive Sensor Market by Vehicle type:

- Conventional Fuel cars
- Alternative Fuel cars
- Heavy vehicles
- Others

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Global Automotive Sensor Market Report: Regional Analysis

The regional analysis includes America, Europe, Asia Pacific, Middle East and rest of the world.

America:

The automotive sensor market in North America is dominated by US followed by Mexico and Canada. America has the third largest share in Global Automotive sensor market and is expected to grow with a CAGR of 8.26 % during the forecasted period. The major growth drivers of automotive sensor market include increasing population with high disposable income. The growth in US is driven from growing rate of automotive market in the country. The US automotive market is expected to grow with a CAGR of more than 7 % during the forecasted period as US at present have more than 13 key automotive players and government is also taking initiatives to innovate new research and development techniques in the country.

Asia-Pacific:

The Asia-Pacific is the emerging region in Global Automotive Sensor market due to stringent government regulations, and persuasive car designers to upgrade the safety provision in car designs. Automotive sensor market will grow for low end vehicles and is expected to grow with a

CAGR of more than 13% due to increasing demand for low-end automobiles. The increasing disposable income of the middle-class population and the inclination of buyers towards high-end luxury cars are driving the growth of automotive sensor market in India. Moreover, government support such as low excise duties, and the constitution of NATRIP (National Automotive Testing and R&D Infrastructure project) is also driving the growth of automotive sensor market in India.

Global Automotive Sensor Market Report: Major Player

Some of the major players in Global Automotive Sensor Market include Analog Devices Inc., Avago Technologies, Bosch Sensortec, Bourns, CTS Corporation, Denso Corporation, Gill sensors & controls and Delphi automobile among others.

Global Automotive Sensor Market Report: Latest News

Bourns, one of the leading manufacturer and supplier of electronic components has introduced two new transformer products G.Fast and LAN transformers for DSL and Ethernet applications on May, 2016. It also introduced high power, ultra-low ohmic current sensor resistor products to help power electronic developers in saving energy during introducing sensing performance in their designs.

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