

# Electric Vehicle Sensor Market Report: Trends, Forecast and Competitive Analysis

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## Abstracts

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### EV Sensor Market Trends and Forecast

According to a new market report published by Lucintel, the future of the global electric vehicle sensor market looks attractive with opportunities in passenger and commercial vehicles. The global electric vehicle sensor market is expected to grow at a CAGR of 37.5% from 2022 to 2027. The major drivers of the EV sensor market include growing demand for EV production across the globe, the formulation of stringent government regulations, and growing number of electronic components in EVs.

### Emerging Trends in the EV Sensor Market

The global EV sensor market is going through an evolution, and thus, new trends can be observed in this market. Emerging Trends in the global EV sensor market explain the new technologies and propulsion types entering the industry

A total of 75 figures / charts and 68 tables are provided in this 147-page report to help in your business decisions. A sample figure with insights is shown below. To learn the scope of benefits, companies researched, and other details of the EV sensor market report, please download the report brochure.

### EV Sensor Market by Segments

### EV Sensor Market by Segment

The study includes a forecast for the global EV Sensor market by propulsion type, Sensor Type, application, and region as follows:

By Propulsion Type [\$M shipment analysis from 2016 to 2027]:

Battery Electric Vehicles (BEVs)

Hybrid Electric Vehicles (HEVs)

Plug-In Electric Vehicles (PHEVs)

By Sensor Type [\$M shipment analysis from 2016 to 2027]:

Temperature Sensors

Current/Voltage Sensors

Pressure Sensors

Position Sensors

By Application [\$M shipment analysis from 2016 to 2027]:

Passenger Vehicles

Commercial Vehicles

By Region [\$M shipment analysis for 2016 – 2027]:

North America

United States

Canada

Mexico

Europe

United Kingdom

Germany

France

Asia Pacific

Japan

China

The Rest of the World

#### List of EV Sensor Companies

Companies in the market compete on the basis of propulsion quality offered. Major players in this market focus on expanding their new propulsion developments, partnerships, mergers & acquisition, and leverage integration opportunities across the value chain. With these strategies EV Sensor companies cater increasing demand, ensure competitive effectiveness, develop innovative propulsions & technologies, reduce production costs, and expand their customer base. Some of the EV Sensor companies profiled in this report include.

Allegro MicroSystems, LLC

Amphenol Advanced Sensors

Parker Hannifin Corp

Texas Instruments

LEM

Kohshin Electric Corporation

Analog Devices

Sensata Technologies Inc.

Melexis

AMS Ag

EV Sensor Market Insight

Lucintel forecasts that Passenger Vehicles is the largest EV Sensor and it is also expected to witness the highest growth over the forecast period due to increasing adoption of electric vehicles sensors.

Battery Electric Vehicles (BEVs) will remain the largest propulsion type over the forecast period.

Europe will remain the largest region in the forecast period.

Features of EV sensor Market

Market Size Estimates: EV sensor market size estimation in terms of value (\$M)

Trend and Forecast Analysis: Market trends (2016-2021) and forecast (2022-2027) by various segments and regions.

Segmentation Analysis: Market size by propulsion type, sensor type application type, and region as follows:

Regional Analysis: EV sensor market breakdown by North America, Europe, Asia Pacific, and the Rest of the World.

Growth Opportunities: Analysis of growth opportunities in propulsion type, sensor type, application and region as follows:

Strategic Analysis: This includes M&A, new propulsion development, and competitive landscape for the Gate driver IC market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

FAQ

Q1. What is the EV sensor market size?

Answer: The global EV sensor market is expected to reach an estimated \$2.9 billion by 2027

Q2. What is the growth forecast for EV sensor market?

Answer: The EV sensor market is expected to grow at a CAGR of 37.5% from 2022 to 2027.

Q3. What are the major drivers influencing the growth of the EV sensor market?

Answer: The major drivers for this market are increase in demand EV production across the globe, formulation of stringent government regulations and Growing number of electronic components in EVs.

Q4. What are the major vehicle types for EV sensor market?

Answer: Passenger Vehicles is the major vehicles type for EV sensor market

Q5. What are the emerging trends in EV sensor market?

Answer: Emerging trends, which have a direct impact on the dynamics of the industry, include the development of E-Motor rotor position sensors and usage of fast-response sensors.

Q6. Who are the key EV sensor companies?

Answer: Some of the key EV sensor companies are as follows:

Allegro MicroSystems, LLC

Amphenol Advanced Sensors

Parker Hannifin Corp

Texas Instruments

LEM

Kohshin Electric Corporation

Analog Devices

Sensata Technologies Inc.

Q7. Which EV sensor propulsion segment will be the largest in future?

Answer: Lucintel forecasts that Battery Electric Vehicles (BEVs) is the largest EV sensor and it is also expected to witness the highest growth over the forecast period due to its zero emission and higher efficiency.

Q8. In EV sensor market, which region is expected to be the largest in next 5 years?

Answer: Europe is expected to remain the largest region over next 5 years.

Q9. Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% Customization Without any Additional Cost.

This report answers following 11 key questions

Q.1. What are some of the most promising, high-growth opportunities for EV sensor market by propulsion type, vehicle type, type of sensor and by region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2. Which segments will grow at a faster pace and why?

Q.3. Which regions will grow at a faster pace and why?

Q.4. What are the key factors affecting market dynamics? What are the drivers and challenges of the market?

Q.5. What are the business risks and threats to the market?

Q.6. What are the emerging trends in this market and the reasons behind them?

Q.7. What are some changing demands of customers in the market?

Q.8. What are the new developments in the market? Which companies are leading these developments?

Q.9. Who are the major players in this market? What strategic initiatives are being implemented by key players for business growth?

Q.10. What are some of the competitive propulsions and processes in this area and how big of a threat do they pose for loss of market share via products substitution?

Q.11. What M&A activity has occurred in the last 5 years?

For any questions related to EV sensor market or related to hybrid car sensor, super charger, electric vehicle, fuel sensor, ultrasonic sensor EV, smoke sensor EV, EV biofeedback sensor,. gyroscope sensor, electric vehicle sensor companies, electric vehicle sensor share, electric vehicle sensor market analysis, electric vehicle sensor market size, write Lucintel analyst at email: [helpdesk@lucintel.com](mailto:helpdesk@lucintel.com). We will be glad to get back to you soon.

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