

# Magnetic Sensor Market: Trends, Opportunities and Competitive Analysis [2023-2028]

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## Abstracts

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### Magnetic Sensor Market Trends and Forecast

The future of the global magnetic sensor market looks promising with opportunities in the transportation, consumer electronic, healthcare, aerospace & defense, industrial, and BFSI sectors. The global magnetic sensor market is expected to reach an estimated \$3.1 billion by 2028 with a CAGR of 7.1% from 2023 to 2028. The major drivers for this market are increasing usage of magnetic sensors in automotive and consumer electronics industries along with growing demand for IOT technologies in various applications.

### Magnetic Sensor Market by Product, Range, Application, and End Use Industry

A more than 150-page report is developed to help in your business decisions. A sample figure with some insights is shown below.

### Magnetic Sensor Market by Segments

### Magnetic Sensor Market by Segment

The study includes trends and forecast for the global magnetic sensor market by product type, range, application, end use industry, and region, as follows:

Magnetic Sensor Market by Product Type [Value (\$B) Shipment Analysis from 2017 to 2028]:

Hall Effect

Anisotropic Magnetoresistance (AMR)

Giant Magnetoresistance (GMR)

Tunnel Magnetoresistance (TMR)

Others

Magnetic Sensor Market by Range [Value (\$B) Shipment Analysis from 2017 to 2028]:

10 Gauss

Magnetic Sensor Market by Application [Value (\$B) Shipment Analysis from 2017 to 2028]:

Speed Sensing

Proximity Detection/NDT

Position Sensing

Navigation and Electronic compass

Flow rate Sensing

Others

Magnetic Sensor Market by End Use Industry [Value (\$B) Shipment Analysis from 2017 to 2028]:

Transportation

Consumer Electronics

Healthcare

Aerospace & Defense

Industrial

BFSI

Others

Magnetic Sensor Market by Region [Value (\$B) Shipment Analysis from 2017 to 2028]:

North America

Europe

Asia Pacific

The Rest of the World

List of Magnetic Sensor Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies, magnetic sensor companies cater to increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the magnetic sensor companies profiled in this report include-

Alps Electric

Asahi Kasei

Baumer

Elmos Semiconductor

Honeywell

iC – Haus

Allegro Microsystems

Magnetic Sensor Market Insights

Lucintel forecasts that hall effect will remain the largest segment over the forecast period due to the growing application of these sensors in ADAS and hybrid electric vehicles for speed as well as position measurement.

Transportation is expected to remain the largest segment due to the growing use of giant magnetoresistance (GMR) and tunneling magnetoresistance (TMR) sensors to reduce power consumption in vehicles and increasing government regulations, which mandates incorporation of safety features and sensor components in vehicles.

APAC will remain the largest region due to the increasing demand for improved vehicles and smartphones with integrated sensors in the region and presence of key manufacturer in China and Japan.

Features of the Magnetic Sensor Market

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

Trend And Forecast Analysis: Market trends (2017-2022) and forecast (2023-2028) by various segments and regions.

Segmentation Analysis: Magnetic sensor market size by various segments, such as product type, range, application, end use industry, and region

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

Growth Opportunities: Analysis on growth opportunities in different product types, ranges, applications, end use industries, and regions for the magnetic sensor market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape for the magnetic sensor market.

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

## FAQ

Q1. What is the magnetic sensor market size?

Answer: The global magnetic sensor market is expected to reach an estimated \$3.1 billion by 2028.

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

Answer: The global magnetic sensor market is expected to grow with a CAGR of 7.1% from 2023 to 2028.

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

Answer: The major drivers for this market are increasing usage of magnetic sensors in automotive and consumer electronics industries along with growing demand for IOT technologies in various applications.

Q4. What are the major segments for magnetic sensor market?

Answer: The future of the magnetic sensor market looks promising with opportunities in the transportation, consumer electronic, healthcare, aerospace & defense, industrial, and BFSI sectors.

Q5. Who are the key magnetic sensor companies?

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

Alps Electric

Asahi Kasei

Baumer

Elmos Semiconductor

Honeywell

iC – Haus

## Allegro Microsystems

Q6. Which magnetic sensor segment will be the largest in future?

Answer: Lucintel forecasts that hall effect will remain the largest segment over the forecast period due to the growing application of these sensors in ADAS and hybrid electric vehicles for speed as well as position measurement.

Q7. In magnetic sensor market, which region is expected to be the largest in next 5 years?

Answer: APAC will remain the largest region due to the increasing demand for improved vehicles and smartphones with integrated sensors in the region and presence of key manufacturer in China and Japan.

Q8. 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 the magnetic sensor market by product type (hall effect, anisotropic magnetoresistance, giant magnetoresistance, tunnel magnetoresistance, and others), range (10 gauss), application (speed sensing, proximity detection/NDT, position sensing, navigation and electronic compass, flow rate sensing, and others), end use industry (transportation, consumer electronics, healthcare, aerospace & defense, industrial, BFSI, and others), and 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 region will grow at a faster pace and why?

Q.4. What are the key factors affecting market dynamics? What are the key challenges and business risks in this market?

Q.5. What are the business risks and competitive threats in this market?

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

Q.7. What are some of the 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 key players

pursuing for business growth?

Q.10. What are some of the competing products in this market and how big of a threat do they pose for loss of market share by material or product substitution?

Q.11. What M&A activity has occurred in the last five years and what has its impact been on the industry?

For any questions related to magnetic sensor market or related magnetic sensor companies, magnetic sensor market size, magnetic sensor market share, magnetic sensor analysis, 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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