

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

<https://marketpublishers.com/r/C50AB9F8668AEN.html>

Date: April 2023

Pages: 150

Price: US\$ 4,850.00 (Single User License)

ID: C50AB9F8668AEN

## Abstracts

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### Current Sensor Market Trends and Forecast

The future of the global current sensor market looks promising with opportunities in the automotive, consumer electronics, telecom & networking, healthcare, industrial, and energy sectors. The global current sensor market is expected to reach an estimated \$1.9 billion by 2028 with a CAGR of 9.3% from 2023 to 2028. The major drivers for this market are growing demand for power management devices, rising adoption of industrial robots, and increasing trend of hybrid vehicles in the automotive industry.

### Current Sensor Market by Loop, Technology, Output, 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.

### Current Sensor Market by Segments

### Current Sensor Market by Segment

The study includes trends and forecast for the global current sensor market by loop type, technology, output type, end use industry, and region, as follows:

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

Open Loop

Closed Loop

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

Isolated Current Sensors

Magnetic Current Sensors

Hall-Effect

AMR

GMR

TMR

Fluxgate

Opto-isolated Op Amp

Shunt-isolated Op Amp

Non-Isolated Current Sensors

Current Sensing Amplifiers

Analog-to-Digital Converters

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

Analog

Digital

Current Sensor Market by End Use Industry [Value (\$B) Shipment Analysis from 2017

to 2028]:

Automotive

Consumer Electronics

Telecom & Networking

Healthcare

Industrial

Energy

Others

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

North America

Europe

Asia Pacific

The Rest of the World

List of Current 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, current sensor companies cater to increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the current sensor companies profiled in this report include-

Allegro MicroSystems

TDK

Infineon Technologies

Melexis NV

Honeywell

## Current Sensor Market Insights

Lucintel forecasts that isolated sensors will remain the larger segment over the forecast period as isolation of current sensing circuitry is required for technical and regulatory requirements in various applications, such as line-operated commercial and industrial motors.

Consumer electronic is expected to remain the largest segment due to the extensive use of current sensors in consumer devices for power management and AC/DC power supplies to use electrical energy effectively.

APAC will remain the largest region due to the expanding automobile industry and increasing demand for current sensors in the building automation, telecommunication, and manufacturing industries in this region.

## Features of the Current Sensor Market

Market Size Estimates: Current 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: Current sensor market size by various segments, such as by loop type, technology, output type, end use industry, and region

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

Growth Opportunities: Analysis on growth opportunities in different loop types, technology, output types, end use industries, and regions for the current sensor market.

Strategic Analysis: This includes M&A, new product development, and competitive

landscape for the current sensor market.

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

## FAQ

Q1. What is the current sensor market size?

Answer: The global current sensor market is expected to reach an estimated \$1.9 billion by 2028.

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

Answer: The global current sensor market is expected to grow with a CAGR of 9.3% from 2023 to 2028.

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

Answer: The major drivers for this market are growing demand for power management devices, rising adoption of industrial robots, and increasing trend of hybrid vehicles in the automotive industry.

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

Answer: The future of the current sensor market looks promising with opportunities in the automotive, consumer electronics, telecom & networking, healthcare, industrial, and energy sectors. The global current sensor market is expected to reach an estimated \$1.9 billion by 2028 with a CAGR of 9.3% from 2023 to 2028.

Q5. Who are the key current sensor companies?

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

Allegro MicroSystems

TDK

Infineon Technologies

Melexis NV

Honeywell

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

Answer: Lucintel forecasts that isolated sensors will remain the larger segment over the forecast period as isolation of current sensing circuitry is required for technical and regulatory requirements in various applications, such as line-operated commercial and industrial motors.

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

Answer: APAC will remain the largest region due to the expanding automobile industry and increasing demand for current sensors in the building automation, telecommunication, and manufacturing industries in this region.

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 current sensor market by loop type (open loop and closed loop), technology (isolated current sensors and non-isolated current sensors), output type (analog and digital), and end use industry (automotive, consumer electronics, telecom and networking, healthcare, industrial, energy, 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 5 years and what has its impact been on the industry?

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