

Global Magnetic Sensors Market 2023-2029

<https://marketpublishers.com/r/GE7D02CDC5ADEN.html>

Date: March 2023

Pages: 80

Price: US\$ 2,650.00 (Single User License)

ID: GE7D02CDC5ADEN

Abstracts

Magnetic sensors are highly sensitive and can detect even small changes in magnetic fields, making them ideal for precise measurement and sensing applications. It is commonly used in various industrial, automotive, and consumer applications, such as in speedometers, compasses, and security systems. The global magnetic sensors market is anticipated to increase by USD 2.0 billion till 2029 at an average annual growth of 8.29 percent as per the latest market estimates.

The report covers market size and growth, segmentation, regional breakdowns, competitive landscape, trends and strategies for global magnetic sensors market. It presents a quantitative analysis of the market to enable stakeholders to capitalize on the prevailing market opportunities. The report also identifies top segments for opportunities and strategies based on market trends and leading competitors' approaches.

This industry report offers market estimates and forecasts of the global market, followed by a detailed analysis of the technology, application, and region. The global market for magnetic sensors can be segmented by technology: hall effect, anisotropic magnetoresistance (AMR), giant magnetoresistance (GMR), tunneling magnetoresistance (TMR), others. The hall effect segment captured the largest share of the market in 2022. Magnetic sensors market is further segmented by application: automotive, consumer electronics, industrial, others. The automotive segment held the largest share of the global magnetic sensors market in 2022 and is anticipated to hold its share during the forecast period. Based on region, the magnetic sensors market is segmented into: Americas, Europe, Japan, China, Rest of The World. In 2022, China made up the largest share of revenue generated by the magnetic sensors market.

Market Segmentation

By technology: hall effect, anisotropic magnetoresistance (AMR), giant

magnetoresistance (GMR), tunneling magnetoresistance (TMR), others

By application: automotive, consumer electronics, industrial, others

By region: Americas, Europe, Japan, China, Rest of The World

The report also provides a detailed analysis of several leading magnetic sensors market vendors that include Allegro Microsystems Inc., Asahi Kasei Corporation, Crocus Technology SACA, Honeywell International Inc., Infineon Technologies AG, Murata Manufacturing Co., Ltd., NVE Corporation, NXP Semiconductors NV, Omron Corporation, STMicroelectronics NV, TDK Corporation, TE Connectivity Ltd., Texas Instruments Incorporated, among others. In this report, key players and their strategies are thoroughly analyzed to understand the competitive outlook of the market.

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Scope of the Report

To analyze and forecast the market size of the global magnetic sensors market.

To classify and forecast the global magnetic sensors market based on technology, application, region.

To identify drivers and challenges for the global magnetic sensors market.

To examine competitive developments such as mergers & acquisitions, agreements, collaborations and partnerships, etc., in the global magnetic sensors market.

To identify and analyze the profile of leading players operating in the global magnetic sensors market.

Why Choose This Report

Gain a reliable outlook of the global magnetic sensors market forecasts from 2023 to 2029 across scenarios.

Identify growth segments for investment.

Stay ahead of competitors through company profiles and market data.

The market estimate for ease of analysis across scenarios in Excel format.

Strategy consulting and research support for three months.

Print authentication provided for the single-user license.

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Hall effect
Anisotropic magnetoresistance (AMR)
Giant magnetoresistance (GMR)
Tunneling magnetoresistance (TMR)
Others

PART 6. MARKET BREAKDOWN BY APPLICATION

Automotive
Consumer electronics
Industrial
Others

PART 7. MARKET BREAKDOWN BY REGION

Americas

Europe
Japan
China
Rest of The World

PART 8. KEY COMPANIES

Allegro Microsystems Inc.
Asahi Kasei Corporation
Crocus Technology SACA
Honeywell International Inc.
Infineon Technologies AG
Murata Manufacturing Co., Ltd.
NVE Corporation
NXP Semiconductors NV
Omron Corporation
STMicroelectronics NV
TDK Corporation
TE Connectivity Ltd.
Texas Instruments Incorporated

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