

# Global TMR Current Sensor for New Energy Vehicles Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

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# **Abstracts**

According to our (Global Info Research) latest study, the global TMR Current Sensor for New Energy Vehicles market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

The TMR current sensor is a new type of current sensor, which can measure the current intensity in the wire and convert it into a signal output proportional to the current. TMR sensors use the magnetoresistance effect to measure current, and have the advantages of high precision, strong robustness, and low cost, so they are more and more widely used in new energy vehicles. In new energy vehicles, TMR current sensors can be used in battery management systems, motor drive systems, and charging control systems. It can accurately measure current parameters such as charging and discharging current in the battery pack, driving motor control current and charging current, so it is very suitable for high-precision control, safety protection and management of new energy vehicles. At the same time, the TMR current sensor also has comprehensive advantages such as improving system efficiency, reducing the number of models and saving energy, which also makes it more and more widely used in new energy vehicle systems. Therefore, it will be very important for automobile manufacturers and electronic component suppliers to develop and produce high-quality TMR current sensors and related detection equipment that meet the needs of new energy vehicles. Only in this way can the efficient, reliable and safe operation of new energy vehicle batteries and electric power systems be realized, and the healthy development of the new energy vehicle industry be promoted.



This report is a detailed and comprehensive analysis for global TMR Current Sensor for New Energy Vehicles market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2023, are provided.

#### Key Features:

Global TMR Current Sensor for New Energy Vehicles market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global TMR Current Sensor for New Energy Vehicles market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global TMR Current Sensor for New Energy Vehicles market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global TMR Current Sensor for New Energy Vehicles market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2018-2023

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for TMR Current Sensor for New Energy Vehicles

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global TMR Current Sensor for New Energy Vehicles market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key



developments. Key companies covered as a part of this study include Crocus Technology, TDK, MultiDimension Technology, Sensitec GmbH and Allegro Microsystems, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Market Segmentation

TMR Current Sensor for New Energy Vehicles market is split by Type and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

No Core Type

With Core Type

Market segment by Application

Electric Vehicle

Hydrogen-powered Vehicles

Solar Vehicle

Alternative Energy (Natural Gas, Rthanol, etc.) Vehicles

Major players covered

Crocus Technology

**TDK** 



MultiDimension Technology Sensitec GmbH Allegro Microsystems **NVE Corporation** Infineon **MDT** Sinomags Market segment by region, regional analysis covers North America (United States, Canada and Mexico) Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe) Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia) South America (Brazil, Argentina, Colombia, and Rest of South America)

The content of the study subjects, includes a total of 15 chapters:

Middle East & Africa)

Chapter 1, to describe TMR Current Sensor for New Energy Vehicles product scope, market overview, market estimation caveats and base year.

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of

Chapter 2, to profile the top manufacturers of TMR Current Sensor for New Energy Vehicles, with price, sales, revenue and global market share of TMR Current Sensor for New Energy Vehicles from 2018 to 2023.

Chapter 3, the TMR Current Sensor for New Energy Vehicles competitive situation,



sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the TMR Current Sensor for New Energy Vehicles breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2022.and TMR Current Sensor for New Energy Vehicles market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of TMR Current Sensor for New Energy Vehicles.

Chapter 14 and 15, to describe TMR Current Sensor for New Energy Vehicles sales channel, distributors, customers, research findings and conclusion.



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