

Global Current Sensors for Automotive Production, Demand and Key Producers, 2022-2028

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Abstracts

A current sensor is a sensor that will measure the intensity of the current flowing in electrical conductors. Hybrid electric vehicles (HEV) and electric vehicles (EV) continue to gain share in the overall global automotive market. The battery management system (BMS) for these vehicles carries out the important tasks of keeping the battery operating inside the safe operating area (SOA), monitoring power distribution, and keeping track of the state of charge (SoC). When the battery is the main source of energy for systems in HEVs/EVs, it is essential to have information about its charging and discharging cycles. Current sensors are the main source of information for charging and discharging cycle information by reporting the status of battery SOH to the battery management system. They may be located onboard or externally. For a typical battery, current sensors measure the current flowing into (when charging) or out of (when discharging) the battery.

This report studies the global Current Sensors for Automotive production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Current Sensors for Automotive, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2021 as the base year. This report explores demand trends and competition, as well as details the characteristics of Current Sensors for Automotive that contribute to its increasing demand across many markets.

The global Current Sensors for Automotive market size is expected to reach \$ million by 2028, rising at a market growth of % CAGR during the forecast period (2022-2028).

Highlights and key features of the study

Global Current Sensors for Automotive total production and demand, 2017-2028, (M Units)

Global Current Sensors for Automotive total production value, 2017-2028, (USD Million)

Global Current Sensors for Automotive production by region & country, production, value, CAGR, 2017-2028, (USD Million) & (M Units)

Global Current Sensors for Automotive consumption by region & country, CAGR, 2017-2028 & (M Units)

U.S. VS China: Current Sensors for Automotive domestic production, consumption, key domestic manufacturers and share

Global Current Sensors for Automotive production by manufacturer, production, price, value and market share 2017-2022, (USD Million) & (M Units)

Global Current Sensors for Automotive production by Type, production, value, CAGR, 2017-2028, (USD Million) & (M Units)

Global Current Sensors for Automotive production by Application production, value, CAGR, 2017-2028, (USD Million) & (M Units)

This reports profiles key players in the global Current Sensors for Automotive market based on the following parameters – headquarters, production locations, products portfolio, Current Sensors for Automotive revenue, sales, average price and gross margin, recent developments.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Current Sensors for Automotive market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (M Units) and average price (US\$/K

Units) by manufacturer, by Type, and by Application. Data is given for the years 2017-2028 by year with 2021 as the base year, 2022 as the estimate year, and 2028 as the forecast year.

Global Current Sensors for Automotive Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Global Current Sensors for Automotive Market, Segmentation by Type

Hall Based Current Sensor

Shunt Based Current Sensor

Others

Global Current Sensors for Automotive Market, Segmentation by Application

Gas Vehicle

Electric Vehicle

Companies Profiled:

LEM Holding SA

Allegro Microsystems, LLC

Melexis NV

TDK Micronas

Honeywell International Inc.

Robert Bosch GmbH

DENSO

Continental

Kohshin Electric Corporation

Infineon

Nicera

BYD

CRRC

Sinomags Electrical

Key Questions Answered

1. How big is the global Current Sensors for Automotive market?
2. What is the demand of the global Current Sensors for Automotive market?
3. What is the year over year growth of the global Current Sensors for Automotive market?
4. What is the production and production value of the global Current Sensors for

Automotive market?

5. Who are the key producers in the global Current Sensors for Automotive market?

6. What are the growth factors driving the market demand?

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