

Global Current Transducer Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global Current Transducer market size was valued at US\$ 4027 million in 2024 and is forecast to a readjusted size of USD 7316 million by 2031 with a CAGR of 9.0% during review period.

Global key players of Current Transducer include Asahi Kasei Microdevices, Allegro Microsystems, Melexis, TDK Micronas, LEM Holding, etc. The top five players hold a share over 52%. Europe is the largest market, and has a share about 28%, followed by North America and China with share 24% and 20%, separately. In terms of product type, Hall Effect Current Sensor is the largest segment, occupied for a share of 63%. In terms of application, Industrial has a share about 48 percent.

This report is a detailed and comprehensive analysis for global Current Transducer 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 2025, are provided.

Key Features:

Global Current Transducer market size and forecasts, in consumption value (\$ Million), sales quantity (M Units), and average selling prices (US\$/Unit), 2020-2031

Global Current Transducer market size and forecasts by region and country, in

consumption value (\$ Million), sales quantity (M Units), and average selling prices (US\$/Unit), 2020-2031

Global Current Transducer market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (M Units), and average selling prices (US\$/Unit), 2020-2031

Global Current Transducer market shares of main players, shipments in revenue (\$ Million), sales quantity (M Units), and ASP (US\$/Unit), 2020-2025

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 Current Transducer

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 Current Transducer market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Asahi Kasei Microdevices, Allegro Microsystems, Melexis, TDK Micronas, LEM Holding, Infineon, Honeywell, Sinomags, Kohshin Electric Corporation, Pulse Electronics Corporation, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Current Transducer market is split by Type and by Application. For the period 2020-2031, 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

Hall Effect Current Sensor

Shunt Based Current Sensor

xMR Current Sensor

Others

Market segment by Application

Industrial

Automotive

Commercial

Others

Major players covered

Asahi Kasei Microdevices

Allegro Microsystems

Melexis

TDK Micronas

LEM Holding

Infineon

Honeywell

Sinomags

Kohshin Electric Corporation

Pulse Electronics Corporation

Robert Bosch

DENSO

Tamura

Texas Instruments

Continental

Nicera

BYD

MultiDimension Technology

CRRC

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)

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

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

Chapter 1, to describe Current Transducer product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Current Transducer, with price, sales quantity, revenue, and global market share of Current Transducer from 2020 to 2025.

Chapter 3, the Current Transducer competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Current Transducer breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

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 2020 to 2025. and Current Transducer market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Current Transducer.

Chapter 14 and 15, to describe Current Transducer sales channel, distributors, customers, research findings and conclusion.

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