

# **Global Magnetic Absolute Encoders Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030**

<https://marketpublishers.com/r/GF4272E24735EN.html>

Date: June 2024

Pages: 90

Price: US\$ 3,480.00 (Single User License)

ID: GF4272E24735EN

## **Abstracts**

According to our (Global Info Research) latest study, the global Magnetic Absolute Encoders market size was valued at USD 539.2 million in 2023 and is forecast to a readjusted size of USD 881.4 million by 2030 with a CAGR of 7.3% during review period.

Magnetic encoders are a type of rotary encoder that use sensors to identify changes in magnetic fields from a rotating magnetized wheel or ring. This report mainly focuses on magnetic absolute encoders market.

Industrial upgrading and the gradual popularization of the Internet of Things will affect the development of industrial equipment, and will also bring driving force for the technological innovation and application growth of encoders. Rapid growth in industrial automation in various industries such as downstream markets such as medical, aerospace, automotive and electronics is driving the demand for magnetic encoders as they measure the rotation, angular velocity or position of moving parts in a wide range of applications. These factors will further promote the development of magnetic absolute encoders industry.

The Global Info Research report includes an overview of the development of the Magnetic Absolute Encoders industry chain, the market status of Elevator (Multi-Turn Encoders, Single-Turn Encoders), NC Machine Tool (Multi-Turn Encoders, Single-Turn Encoders), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Magnetic Absolute Encoders.

Regionally, the report analyzes the Magnetic Absolute Encoders markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Magnetic Absolute Encoders market, with robust domestic demand, supportive policies, and a strong manufacturing base.

#### Key Features:

The report presents comprehensive understanding of the Magnetic Absolute Encoders market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Magnetic Absolute Encoders industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., Multi-Turn Encoders, Single-Turn Encoders).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Magnetic Absolute Encoders market.

**Regional Analysis:** The report involves examining the Magnetic Absolute Encoders market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the Magnetic Absolute Encoders market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Magnetic Absolute Encoders:

**Company Analysis:** Report covers individual Magnetic Absolute Encoders manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios,

partnerships, and strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards Magnetic Absolute Encoders. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Elevator, NC Machine Tool).

**Technology Analysis:** Report covers specific technologies relevant to Magnetic Absolute Encoders. It assesses the current state, advancements, and potential future developments in Magnetic Absolute Encoders areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Magnetic Absolute Encoders market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

## Market Segmentation

Magnetic Absolute Encoders market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

### Market segment by Type

Multi-Turn Encoders

Single-Turn Encoders

### Market segment by Application

Elevator

NC Machine Tool

Textile Machinery

Others

Major players covered

HENGSTLER

Baumer Group

Pepperl+Fuchs

RENISHAW

Ifm Electronic

SIKO

ASM Sensor

BALLUFF

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 Magnetic Absolute Encoders product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Magnetic Absolute Encoders, with price, sales, revenue and global market share of Magnetic Absolute Encoders from 2019 to 2024.

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

Chapter 4, the Magnetic Absolute Encoders breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

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 2023. and Magnetic Absolute Encoders market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

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 Magnetic Absolute Encoders.

Chapter 14 and 15, to describe Magnetic Absolute Encoders sales channel, distributors, customers, research findings and conclusion.

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