

# Global Angle Encoder Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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## Abstracts

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

China's core angle encoder players include Heidenhain, Renishaw and Tamagawa Seiki etc. The top 5 companies hold a share about 56% in China. East China has the largest sales market share in China with a share about 42%, followed by South China with a share about 23%. In terms of product, photoelectric encoder is the largest segment, with a share about 49%. And in terms of application, the largest application is machine tool?with a share about 25%.

The Global Info Research report includes an overview of the development of the Angle Encoder industry chain, the market status of Weaponry (Photoelectric Encoder, Magnetic Encoder), Aerospace (Photoelectric Encoder, Magnetic Encoder), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Angle Encoder.

Regionally, the report analyzes the Angle Encoder 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 Angle Encoder market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Angle Encoder 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 Angle Encoder 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., Photoelectric Encoder, Magnetic Encoder).

**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 Angle Encoder market.

**Regional Analysis:** The report involves examining the Angle Encoder 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 Angle Encoder market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Angle Encoder:

**Company Analysis:** Report covers individual Angle Encoder 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 Angle Encoder This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Weaponry, Aerospace).

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

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers,

the report present insights into the competitive landscape of the Angle Encoder 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

Angle Encoder 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

Photoelectric Encoder

Magnetic Encoder

Capacitive and Inductive Encoders

#### Market segment by Application

Weaponry

Aerospace

3C

Semiconductor

Motor

Machine Tool

Measuring Instrument

Others

## Major players covered

Heidenhain

Renishaw

Tamagawa Seiki

Nemicon Corporation

Baumer

Dynaper

Pepperl+Fuchs

Sick AG

Koyo Electronics

K?bler Group

Netzer

WayCon Positionsmesstechnik

Elco Industrie Automation

AVL

Celera Motion

OMEGA Engineering

Hohner Automation

HAWE Hydraulik

Automation Sensorik Messtechnik

Laser Technology

Fagor Automation

TJR Precision Technology

Changchun Yuheng Optics

Changchun Rongde Optics

Guangzhou Accuglen Intelligent Tech

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 Angle Encoder product scope, market overview, market estimation caveats and base year.

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

Chapter 3, the Angle Encoder competitive situation, sales quantity, revenue and global

market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Angle Encoder 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 Angle Encoder 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 Angle Encoder.

Chapter 14 and 15, to describe Angle Encoder sales channel, distributors, customers, research findings and conclusion.

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