

Global Encoder Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G22D42112F05EN.html>

Date: January 2026

Pages: 235

Price: US\$ 4,480.00 (Single User License)

ID: G22D42112F05EN

Abstracts

The global Encoder market size is expected to reach \$ 5836 million by 2032, rising at a market growth of 5.8% CAGR during the forecast period (2026-2032).

An encoder is actually a sensor. It is a device that converts input signals or data into digital signals or coded signals through physical effects (such as light, magnetism, capacitance/inductance, mechanics, etc.). According to the detection principle, there are optical, magnetic, and capacitance/inductance types; according to the encoding method, there are absolute and incremental types; according to the measurement method, there are rotary encoding and linear encoding. Encoders can provide high-precision feedback information such as position and speed in application fields such as industrial automation to meet the needs of precision measurement and control.

As a sensor, encoders have significant differences in different application scenarios. For example, rotary encoders have a larger measurement range, while linear encoders have a shorter measurement range and are suitable for short-distance linear measurement applications. The encoder production areas in various regions of the world are mainly distributed in Europe (Germany, Italy, France, etc.), Japan, the United States and China. Europe occupies the vast majority of the market share. Chinese encoder companies still have a certain gap in production capacity and product performance with international leading companies (such as Heidenhain and Tamagawa Seiki). However, with the continuous breakthroughs of Chinese companies in product development technology in recent years, some companies have achieved breakthroughs in revenue and shipments, and have occupied a certain market share in the Chinese servo encoder market, such as Zhejiang Reagle Sensing.

Encoders have different types according to different principles. This article subdivides

them into rotary encoders and linear encoders according to the differences in encoder measurement methods, and can be further subdivided into incremental and absolute types. Incremental encoders have certain advantages in price under the same parameters as absolute encoders, but as the market share of absolute encoders continues to increase, the price gap between the two is also narrowing. At present, in some new equipment, absolute encoders will be the best choice. The core areas targeted by rotary encoders and linear encoders are different. For example, in the field of machine tools, linear encoders are used in the closed-loop servo system of CNC machine tools and can be used to detect linear displacement or angular displacement. Their price is closely related to their accuracy, measurement range, and resolution. In this field, the price of linear encoders is much higher than that of rotary encoders, but from the perspective of various downstream application scenarios, rotary encoders currently still occupy a large market share, reaching 68% in 2023, and are expected to maintain their leading position in the next few years.

From the perspective of downstream applications of encoders, encoders are just a part of various types of equipment, mainly used directly on motors, such as stepper motors and servo motors. The downstream of motors involves all walks of life. At present, the machine tool market accounts for the largest share, and the machine tool market share reached 30% in 2023. In addition, the robot market has greatly promoted the surge in demand for encoders in recent years with the development of high-tech equipment such as industrial robots, AGV/AMR mobile robots, semiconductor manipulators, and medical robots. With the accelerated advancement of new industrialization, encoders, as core components of robots, will further increase their market share in the future. It is expected that by 2030, encoders will account for 25.4% of the robot market.

This report studies the global Encoder production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Encoder and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Encoder that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Encoder total production and demand, 2021-2032, (K Units)

Global Encoder total production value, 2021-2032, (USD Million)

Global Encoder production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Units), (based on production site)

Global Encoder consumption by region & country, CAGR, 2021-2032 & (K Units)

U.S. VS China: Encoder domestic production, consumption, key domestic manufacturers and share

Global Encoder production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Units)

Global Encoder production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

Global Encoder production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

This report profiles key players in the global Encoder 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 Heidenhain, Tamagawa Seiki, Sick, Renishaw, Pepperl+Fuchs, Dynapar, Baumer, Sensata Technologies, Broadcom, Omron, etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Encoder market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (USD/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Encoder Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Encoder Market, Segmentation by Type:

Rotary Encoder

Linear Encoder

Global Encoder Market, Segmentation by Application:

Machine Tools

Robots

Packaging Equipment

Conveyor

Textile Machinery

Construction Machinery

Medical Equipment

Elevators

Automotive

Others

Companies Profiled:

Heidenhain

Tamagawa Seiki

Sick

Renishaw

Pepperl+Fuchs

Dynapar

Baumer

Sensata Technologies

Broadcom

Omron

TR Electronic

Balluff

Rockwell Automation

Bourns

Zhejiang Reagle Sensing

TE Connectivity

Fagor Automation

Kubler

SIKO

JTEKT Electronics

POSITAL (FRABA)

Changchun Yuheng Optics

Lenord+Bauer

Faulhaber

Lika Electronic

Gurley Precision Instruments

Mitutoyo

Citizen Micro Co., Ltd

ELCO Industrie Automation GmbH

Weihai Idencoder Electronic Technology

Autonics Corporation

Precizika Metrology

Givi Misure srl

Advanced Micro Controls Inc (AMCI)

Allient Inc

Elap srl

Pilz GmbH & Co. KG

ifm electronic

Encoder Products Company

Quantum Devices

Netzer

KACO GmbH + Co. KG

ELGO Electronic GmbH & Co. KG

Contelec AG

Nidec

Delta

Leine & Linde

FIAMA SRL

Freudenberg Sealing Technologies

Automation Sensorik Messtechnik GmbH

Key Questions Answered:

1. How big is the global Encoder market?
2. What is the demand of the global Encoder market?
3. What is the year over year growth of the global Encoder market?

4. What is the production and production value of the global Encoder market?
5. Who are the key producers in the global Encoder market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 Encoder Introduction
- 1.2 World Encoder Supply & Forecast
 - 1.2.1 World Encoder Production Value (2021 & 2025 & 2032)
 - 1.2.2 World Encoder Production (2021-2032)
 - 1.2.3 World Encoder Pricing Trends (2021-2032)
- 1.3 World Encoder Production by Region (Based on Production Site)
 - 1.3.1 World Encoder Production Value by Region (2021-2032)
 - 1.3.2 World Encoder Production by Region (2021-2032)
 - 1.3.3 World Encoder Average Price by Region (2021-2032)
 - 1.3.4 North America Encoder Production (2021-2032)
 - 1.3.5 Europe Encoder Production (2021-2032)
 - 1.3.6 China Encoder Production (2021-2032)
 - 1.3.7 Japan Encoder Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Encoder Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Encoder Major Market Trends

2 DEMAND SUMMARY

- 2.1 World Encoder Demand (2021-2032)
- 2.2 World Encoder Consumption by Region
 - 2.2.1 World Encoder Consumption by Region (2021-2026)
 - 2.2.2 World Encoder Consumption Forecast by Region (2027-2032)
- 2.3 United States Encoder Consumption (2021-2032)
- 2.4 China Encoder Consumption (2021-2032)
- 2.5 Europe Encoder Consumption (2021-2032)
- 2.6 Japan Encoder Consumption (2021-2032)
- 2.7 South Korea Encoder Consumption (2021-2032)
- 2.8 ASEAN Encoder Consumption (2021-2032)
- 2.9 India Encoder Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Encoder Production Value by Manufacturer (2021-2026)

- 3.2 World Encoder Production by Manufacturer (2021-2026)
- 3.3 World Encoder Average Price by Manufacturer (2021-2026)
- 3.4 Encoder Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global Encoder Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for Encoder in 2025
 - 3.5.3 Global Concentration Ratios (CR8) for Encoder in 2025
- 3.6 Encoder Market: Overall Company Footprint Analysis
 - 3.6.1 Encoder Market: Region Footprint
 - 3.6.2 Encoder Market: Company Product Type Footprint
 - 3.6.3 Encoder Market: Company Product Application Footprint
- 3.7 Competitive Environment
 - 3.7.1 Historical Structure of the Industry
 - 3.7.2 Barriers of Market Entry
 - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

- 4.1 United States VS China: Encoder Production Value Comparison
 - 4.1.1 United States VS China: Encoder Production Value Comparison (2021 & 2025 & 2032)
 - 4.1.2 United States VS China: Encoder Production Value Market Share Comparison (2021 & 2025 & 2032)
- 4.2 United States VS China: Encoder Production Comparison
 - 4.2.1 United States VS China: Encoder Production Comparison (2021 & 2025 & 2032)
 - 4.2.2 United States VS China: Encoder Production Market Share Comparison (2021 & 2025 & 2032)
- 4.3 United States VS China: Encoder Consumption Comparison
 - 4.3.1 United States VS China: Encoder Consumption Comparison (2021 & 2025 & 2032)
 - 4.3.2 United States VS China: Encoder Consumption Market Share Comparison (2021 & 2025 & 2032)
- 4.4 United States Based Encoder Manufacturers and Market Share, 2021-2026
 - 4.4.1 United States Based Encoder Manufacturers, Headquarters and Production Site (States, Country)
 - 4.4.2 United States Based Manufacturers Encoder Production Value (2021-2026)
 - 4.4.3 United States Based Manufacturers Encoder Production (2021-2026)

4.5 China Based Encoder Manufacturers and Market Share

4.5.1 China Based Encoder Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Encoder Production Value (2021-2026)

4.5.3 China Based Manufacturers Encoder Production (2021-2026)

4.6 Rest of World Based Encoder Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based Encoder Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Encoder Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers Encoder Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World Encoder Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Rotary Encoder

5.2.2 Linear Encoder

5.3 Market Segment by Type

5.3.1 World Encoder Production by Type (2021-2032)

5.3.2 World Encoder Production Value by Type (2021-2032)

5.3.3 World Encoder Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY APPLICATION

6.1 World Encoder Market Size Overview by Application: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Application

6.2.1 Machine Tools

6.2.2 Robots

6.2.3 Packaging Equipment

6.2.4 Conveyor

6.2.5 Textile Machinery

6.2.6 Construction Machinery

6.2.7 Medical Equipment

6.2.8 Elevators

6.2.9 Automotive

6.3 Market Segment by Application

6.3.1 World Encoder Production by Application (2021-2032)

6.3.2 World Encoder Production Value by Application (2021-2032)

6.3.3 World Encoder Average Price by Application (2021-2032)

7 COMPANY PROFILES

7.1 Heidenhain

7.1.1 Heidenhain Details

7.1.2 Heidenhain Major Business

7.1.3 Heidenhain Encoder Product and Services

7.1.4 Heidenhain Encoder Production, Price, Value, Gross Margin and Market Share (2021-2026)

7.1.5 Heidenhain Recent Developments/Updates

7.1.6 Heidenhain Competitive Strengths & Weaknesses

7.2 Tamagawa Seiki

7.2.1 Tamagawa Seiki Details

7.2.2 Tamagawa Seiki Major Business

7.2.3 Tamagawa Seiki Encoder Product and Services

7.2.4 Tamagawa Seiki Encoder Production, Price, Value, Gross Margin and Market Share (2021-2026)

7.2.5 Tamagawa Seiki Recent Developments/Updates

7.2.6 Tamagawa Seiki Competitive Strengths & Weaknesses

7.3 Sick

7.3.1 Sick Details

7.3.2 Sick Major Business

7.3.3 Sick Encoder Product and Services

7.3.4 Sick Encoder Production, Price, Value, Gross Margin and Market Share (2021-2026)

7.3.5 Sick Recent Developments/Updates

7.3.6 Sick Competitive Strengths & Weaknesses

7.4 Renishaw

7.4.1 Renishaw Details

7.4.2 Renishaw Major Business

7.4.3 Renishaw Encoder Product and Services

7.4.4 Renishaw Encoder Production, Price, Value, Gross Margin and Market Share (2021-2026)

7.4.5 Renishaw Recent Developments/Updates

7.4.6 Renishaw Competitive Strengths & Weaknesses

7.5 Pepperl+Fuchs

7.5.1 Pepperl+Fuchs Details

7.5.2 Pepperl+Fuchs Major Business

7.5.3 Pepperl+Fuchs Encoder Product and Services

7.5.4 Pepperl+Fuchs Encoder Production, Price, Value, Gross Margin and Market Share (2021-2026)

7.5.5 Pepperl+Fuchs Recent Developments/Updates

7.5.6 Pepperl+Fuchs Competitive Strengths & Weaknesses

7.6 Dynapar

7.6.1 Dynapar Details

7.6.2 Dynapar Major Business

7.6.3 Dynapar Encoder Product and Services

7.6.4 Dynapar Encoder Production, Price, Value, Gross Margin and Market Share (2021-2026)

7.6.5 Dynapar Recent Developments/Updates

7.6.6 Dynapar Competitive Strengths & Weaknesses

7.7 Baumer

7.7.1 Baumer Details

7.7.2 Baumer Major Business

7.7.3 Baumer Encoder Product and Services

7.7.4 Baumer Encoder Production, Price, Value, Gross Margin and Market Share (2021-2026)

7.7.5 Baumer Recent Developments/Updates

7.7.6 Baumer Competitive Strengths & Weaknesses

7.8 Sensata Technologies

7.8.1 Sensata Technologies Details

7.8.2 Sensata Technologies Major Business

7.8.3 Sensata Technologies Encoder Product and Services

7.8.4 Sensata Technologies Encoder Production, Price, Value, Gross Margin and Market Share (2021-2026)

7.8.5 Sensata Technologies Recent Developments/Updates

7.8.6 Sensata Technologies Competitive Strengths & Weaknesses

7.9 Broadcom

7.9.1 Broadcom Details

7.9.2 Broadcom Major Business

7.9.3 Broadcom Encoder Product and Services

7.9.4 Broadcom Encoder Production, Price, Value, Gross Margin and Market Share (2021-2026)

7.9.5 Broadcom Recent Developments/Updates

7.9.6 Broadcom Competitive Strengths & Weaknesses

7.10 Omron

7.10.1 Omron Details

7.10.2 Omron Major Business

- 7.10.3 Omron Encoder Product and Services
- 7.10.4 Omron Encoder Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 7.10.5 Omron Recent Developments/Updates
- 7.10.6 Omron Competitive Strengths & Weaknesses
- 7.11 TR Electronic
 - 7.11.1 TR Electronic Details
 - 7.11.2 TR Electronic Major Business
 - 7.11.3 TR Electronic Encoder Product and Services
 - 7.11.4 TR Electronic Encoder Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 7.11.5 TR Electronic Recent Developments/Updates
 - 7.11.6 TR Electronic Competitive Strengths & Weaknesses
- 7.12 Balluff
 - 7.12.1 Balluff Details
 - 7.12.2 Balluff Major Business
 - 7.12.3 Balluff Encoder Product and Services
 - 7.12.4 Balluff Encoder Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 7.12.5 Balluff Recent Developments/Updates
 - 7.12.6 Balluff Competitive Strengths & Weaknesses
- 7.13 Rockwell Automation
 - 7.13.1 Rockwell Automation Details
 - 7.13.2 Rockwell Automation Major Business
 - 7.13.3 Rockwell Automation Encoder Product and Services
 - 7.13.4 Rockwell Automation Encoder Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 7.13.5 Rockwell Automation Recent Developments/Updates
 - 7.13.6 Rockwell Automation Competitive Strengths & Weaknesses
- 7.14 Bourns
 - 7.14.1 Bourns Details
 - 7.14.2 Bourns Major Business
 - 7.14.3 Bourns Encoder Product and Services
 - 7.14.4 Bourns Encoder Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 7.14.5 Bourns Recent Developments/Updates
 - 7.14.6 Bourns Competitive Strengths & Weaknesses
- 7.15 Zhejiang Reagle Sensing
 - 7.15.1 Zhejiang Reagle Sensing Details

- 7.15.2 Zhejiang Reagle Sensing Major Business
- 7.15.3 Zhejiang Reagle Sensing Encoder Product and Services
- 7.15.4 Zhejiang Reagle Sensing Encoder Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 7.15.5 Zhejiang Reagle Sensing Recent Developments/Updates
- 7.15.6 Zhejiang Reagle Sensing Competitive Strengths & Weaknesses
- 7.16 TE Connectivity
 - 7.16.1 TE Connectivity Details
 - 7.16.2 TE Connectivity Major Business
 - 7.16.3 TE Connectivity Encoder Product and Services
 - 7.16.4 TE Connectivity Encoder Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 7.16.5 TE Connectivity Recent Developments/Updates
 - 7.16.6 TE Connectivity Competitive Strengths & Weaknesses
- 7.17 Fagor Automation
 - 7.17.1 Fagor Automation Details
 - 7.17.2 Fagor Automation Major Business
 - 7.17.3 Fagor Automation Encoder Product and Services
 - 7.17.4 Fagor Automation Encoder Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 7.17.5 Fagor Automation Recent Developments/Updates
 - 7.17.6 Fagor Automation Competitive Strengths & Weaknesses
- 7.18 Kubler
 - 7.18.1 Kubler Details
 - 7.18.2 Kubler Major Business
 - 7.18.3 Kubler Encoder Product and Services
 - 7.18.4 Kubler Encoder Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 7.18.5 Kubler Recent Developments/Updates
 - 7.18.6 Kubler Competitive Strengths & Weaknesses
- 7.19 SIKO
 - 7.19.1 SIKO Details
 - 7.19.2 SIKO Major Business
 - 7.19.3 SIKO Encoder Product and Services
 - 7.19.4 SIKO Encoder Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 7.19.5 SIKO Recent Developments/Updates
 - 7.19.6 SIKO Competitive Strengths & Weaknesses
- 7.20 JTEKT Electronics

- 7.20.1 JTEKT Electronics Details
- 7.20.2 JTEKT Electronics Major Business
- 7.20.3 JTEKT Electronics Encoder Product and Services
- 7.20.4 JTEKT Electronics Encoder Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 7.20.5 JTEKT Electronics Recent Developments/Updates
- 7.20.6 JTEKT Electronics Competitive Strengths & Weaknesses
- 7.21 POSITAL (FRABA)
 - 7.21.1 POSITAL (FRABA) Details
 - 7.21.2 POSITAL (FRABA) Major Business
 - 7.21.3 POSITAL (FRABA) Encoder Product and Services
 - 7.21.4 POSITAL (FRABA) Encoder Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 7.21.5 POSITAL (FRABA) Recent Developments/Updates
 - 7.21.6 POSITAL (FRABA) Competitive Strengths & Weaknesses
- 7.22 Changchun Yuheng Optics
 - 7.22.1 Changchun Yuheng Optics Details
 - 7.22.2 Changchun Yuheng Optics Major Business
 - 7.22.3 Changchun Yuheng Optics Encoder Product and Services
 - 7.22.4 Changchun Yuheng Optics Encoder Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 7.22.5 Changchun Yuheng Optics Recent Developments/Updates
 - 7.22.6 Changchun Yuheng Optics Competitive Strengths & Weaknesses
- 7.23 Lenord+Bauer
 - 7.23.1 Lenord+Bauer Details
 - 7.23.2 Lenord+Bauer Major Business
 - 7.23.3 Lenord+Bauer Encoder Product and Services
 - 7.23.4 Lenord+Bauer Encoder Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 7.23.5 Lenord+Bauer Recent Developments/Updates
 - 7.23.6 Lenord+Bauer Competitive Strengths & Weaknesses
- 7.24 Faulhaber
 - 7.24.1 Faulhaber Details
 - 7.24.2 Faulhaber Major Business
 - 7.24.3 Faulhaber Encoder Product and Services
 - 7.24.4 Faulhaber Encoder Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 7.24.5 Faulhaber Recent Developments/Updates
 - 7.24.6 Faulhaber Competitive Strengths & Weaknesses

7.25 Lika Electronic

7.25.1 Lika Electronic Details

7.25.2 Lika Electronic Major Business

7.25.3 Lika Electronic Encoder Product and Services

7.25.4 Lika Electronic Encoder Production, Price, Value, Gross Margin and Market Share (2021-2026)

7.25.5 Lika Electronic Recent Developments/Updates

7.25.6 Lika Electronic Competitive Strengths & Weaknesses

7.26 Gurley Precision Instruments

7.26.1 Gurley Precision Instruments Details

7.26.2 Gurley Precision Instruments Major Business

7.26.3 Gurley Precision Instruments Encoder Product and Services

7.26.4 Gurley Precision Instruments Encoder Production, Price, Value, Gross Margin and Market Share (2021-2026)

7.26.5 Gurley Precision Instruments Recent Developments/Updates

7.26.6 Gurley Precision Instruments Competitive Strengths & Weaknesses

7.27 Mitutoyo

7.27.1 Mitutoyo Details

7.27.2 Mitutoyo Major Business

7.27.3 Mitutoyo Encoder Product and Services

7.27.4 Mitutoyo Encoder Production, Price, Value, Gross Margin and Market Share (2021-2026)

7.27.5 Mitutoyo Recent Developments/Updates

7.27.6 Mitutoyo Competitive Strengths & Weaknesses

7.28 Citizen Micro Co., Ltd

7.28.1 Citizen Micro Co., Ltd Details

7.28.2 Citizen Micro Co., Ltd Major Business

7.28.3 Citizen Micro Co., Ltd Encoder Product and Services

7.28.4 Citizen Micro Co., Ltd Encoder Production, Price, Value, Gross Margin and Market Share (2021-2026)

7.28.5 Citizen Micro Co., Ltd Recent Developments/Updates

7.28.6 Citizen Micro Co., Ltd Competitive Strengths & Weaknesses

7.29 ELCO Industrie Automation GmbH

7.29.1 ELCO Industrie Automation GmbH Details

7.29.2 ELCO Industrie Automation GmbH Major Business

7.29.3 ELCO Industrie Automation GmbH Encoder Product and Services

7.29.4 ELCO Industrie Automation GmbH Encoder Production, Price, Value, Gross Margin and Market Share (2021-2026)

7.29.5 ELCO Industrie Automation GmbH Recent Developments/Updates

- 7.29.6 ELCO Industrie Automation GmbH Competitive Strengths & Weaknesses
- 7.30 Weihai Idencoder Electronic Technology
 - 7.30.1 Weihai Idencoder Electronic Technology Details
 - 7.30.2 Weihai Idencoder Electronic Technology Major Business
 - 7.30.3 Weihai Idencoder Electronic Technology Encoder Product and Services
 - 7.30.4 Weihai Idencoder Electronic Technology Encoder Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 7.30.5 Weihai Idencoder Electronic Technology Recent Developments/Updates
 - 7.30.6 Weihai Idencoder Electronic Technology Competitive Strengths & Weaknesses
- 7.31 Autonics Corporation
 - 7.31.1 Autonics Corporation Details
 - 7.31.2 Autonics Corporation Major Business
 - 7.31.3 Autonics Corporation Encoder Product and Services
 - 7.31.4 Autonics Corporation Encoder Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 7.31.5 Autonics Corporation Recent Developments/Updates
 - 7.31.6 Autonics Corporation Competitive Strengths & Weaknesses
- 7.32 Precizika Metrology
 - 7.32.1 Precizika Metrology Details
 - 7.32.2 Precizika Metrology Major Business
 - 7.32.3 Precizika Metrology Encoder Product and Services
 - 7.32.4 Precizika Metrology Encoder Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 7.32.5 Precizika Metrology Recent Developments/Updates
 - 7.32.6 Precizika Metrology Competitive Strengths & Weaknesses
- 7.33 Givi Misure srl
 - 7.33.1 Givi Misure srl Details
 - 7.33.2 Givi Misure srl Major Business
 - 7.33.3 Givi Misure srl Encoder Product and Services
 - 7.33.4 Givi Misure srl Encoder Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 7.33.5 Givi Misure srl Recent Developments/Updates
 - 7.33.6 Givi Misure srl Competitive Strengths & Weaknesses
- 7.34 Advanced Micro Controls Inc (AMCI)
 - 7.34.1 Advanced Micro Controls Inc (AMCI) Details
 - 7.34.2 Advanced Micro Controls Inc (AMCI) Major Business
 - 7.34.3 Advanced Micro Controls Inc (AMCI) Encoder Product and Services
 - 7.34.4 Advanced Micro Controls Inc (AMCI) Encoder Production, Price, Value, Gross Margin and Market Share (2021-2026)

- 7.34.5 Advanced Micro Controls Inc (AMCI) Recent Developments/Updates
- 7.34.6 Advanced Micro Controls Inc (AMCI) Competitive Strengths & Weaknesses
- 7.35 Allient Inc
 - 7.35.1 Allient Inc Details
 - 7.35.2 Allient Inc Major Business
 - 7.35.3 Allient Inc Encoder Product and Services
 - 7.35.4 Allient Inc Encoder Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 7.35.5 Allient Inc Recent Developments/Updates
 - 7.35.6 Allient Inc Competitive Strengths & Weaknesses
- 7.36 Elap srl
 - 7.36.1 Elap srl Details
 - 7.36.2 Elap srl Major Business
 - 7.36.3 Elap srl Encoder Product and Services
 - 7.36.4 Elap srl Encoder Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 7.36.5 Elap srl Recent Developments/Updates
 - 7.36.6 Elap srl Competitive Strengths & Weaknesses
- 7.37 Pilz GmbH & Co. KG
 - 7.37.1 Pilz GmbH & Co. KG Details
 - 7.37.2 Pilz GmbH & Co. KG Major Business
 - 7.37.3 Pilz GmbH & Co. KG Encoder Product and Services
 - 7.37.4 Pilz GmbH & Co. KG Encoder Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 7.37.5 Pilz GmbH & Co. KG Recent Developments/Updates
 - 7.37.6 Pilz GmbH & Co. KG Competitive Strengths & Weaknesses
- 7.38 ifm electronic
 - 7.38.1 ifm electronic Details
 - 7.38.2 ifm electronic Major Business
 - 7.38.3 ifm electronic Encoder Product and Services
 - 7.38.4 ifm electronic Encoder Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 7.38.5 ifm electronic Recent Developments/Updates
 - 7.38.6 ifm electronic Competitive Strengths & Weaknesses
- 7.39 Encoder Products Company
 - 7.39.1 Encoder Products Company Details
 - 7.39.2 Encoder Products Company Major Business
 - 7.39.3 Encoder Products Company Encoder Product and Services
 - 7.39.4 Encoder Products Company Encoder Production, Price, Value, Gross Margin

and Market Share (2021-2026)

7.39.5 Encoder Products Company Recent Developments/Updates

7.39.6 Encoder Products Company Competitive Strengths & Weaknesses

7.40 Quantum Devices

7.40.1 Quantum Devices Details

7.40.2 Quantum Devices Major Business

7.40.3 Quantum Devices Encoder Product and Services

7.40.4 Quantum Devices Encoder Production, Price, Value, Gross Margin and Market Share (2021-2026)

7.40.5 Quantum Devices Recent Developments/Updates

7.40.6 Quantum Devices Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

8.1 Encoder Industry Chain

8.2 Encoder Upstream Analysis

8.2.1 Encoder Core Raw Materials

8.2.2 Main Manufacturers of Encoder Core Raw Materials

8.3 Midstream Analysis

8.4 Downstream Analysis

8.5 Encoder Production Mode

8.6 Encoder Procurement Model

8.7 Encoder Industry Sales Model and Sales Channels

8.7.1 Encoder Sales Model

8.7.2 Encoder Typical Distributors

9 RESEARCH FINDINGS AND CONCLUSION

10 APPENDIX

10.1 Methodology

10.2 Research Process and Data Source

10.3 Disclaimer

List Of Tables

LIST OF TABLES

- Table 1. World Encoder Production Value by Region (2021, 2025 and 2032) & (USD Million)
- Table 2. World Encoder Production Value by Region (2021-2026) & (USD Million)
- Table 3. World Encoder Production Value by Region (2027-2032) & (USD Million)
- Table 4. World Encoder Production Value Market Share by Region (2021-2026)
- Table 5. World Encoder Production Value Market Share by Region (2027-2032)
- Table 6. World Encoder Production by Region (2021-2026) & (K Units)
- Table 7. World Encoder Production by Region (2027-2032) & (K Units)
- Table 8. World Encoder Production Market Share by Region (2021-2026)
- Table 9. World Encoder Production Market Share by Region (2027-2032)
- Table 10. World Encoder Average Price by Region (2021-2026) & (USD/Unit)
- Table 11. World Encoder Average Price by Region (2027-2032) & (USD/Unit)
- Table 12. Encoder Major Market Trends
- Table 13. World Encoder Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (K Units)
- Table 14. World Encoder Consumption by Region (2021-2026) & (K Units)
- Table 15. World Encoder Consumption Forecast by Region (2027-2032) & (K Units)
- Table 16. World Encoder Production Value by Manufacturer (2021-2026) & (USD Million)
- Table 17. Production Value Market Share of Key Encoder Producers in 2025
- Table 18. World Encoder Production by Manufacturer (2021-2026) & (K Units)
- Table 19. Production Market Share of Key Encoder Producers in 2025
- Table 20. World Encoder Average Price by Manufacturer (2021-2026) & (USD/Unit)
- Table 21. Global Encoder Company Evaluation Quadrant
- Table 22. World Encoder Industry Rank of Major Manufacturers, Based on Production Value in 2025
- Table 23. Head Office and Encoder Production Site of Key Manufacturer
- Table 24. Encoder Market: Company Product Type Footprint
- Table 25. Encoder Market: Company Product Application Footprint
- Table 26. Encoder Competitive Factors
- Table 27. Encoder New Entrant and Capacity Expansion Plans
- Table 28. Encoder Mergers & Acquisitions Activity
- Table 29. United States VS China Encoder Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)
- Table 30. United States VS China Encoder Production Comparison, (2021 & 2025 &

2032) & (K Units)

Table 31. United States VS China Encoder Consumption Comparison, (2021 & 2025 & 2032) & (K Units)

Table 32. United States Based Encoder Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Encoder Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers Encoder Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers Encoder Production (2021-2026) & (K Units)

Table 36. United States Based Manufacturers Encoder Production Market Share (2021-2026)

Table 37. China Based Encoder Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Encoder Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers Encoder Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers Encoder Production, (2021-2026) & (K Units)

Table 41. China Based Manufacturers Encoder Production Market Share (2021-2026)

Table 42. Rest of World Based Encoder Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers Encoder Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers Encoder Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers Encoder Production, (2021-2026) & (K Units)

Table 46. Rest of World Based Manufacturers Encoder Production Market Share (2021-2026)

Table 47. World Encoder Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World Encoder Production by Type (2021-2026) & (K Units)

Table 49. World Encoder Production by Type (2027-2032) & (K Units)

Table 50. World Encoder Production Value by Type (2021-2026) & (USD Million)

Table 51. World Encoder Production Value by Type (2027-2032) & (USD Million)

Table 52. World Encoder Average Price by Type (2021-2026) & (USD/Unit)

Table 53. World Encoder Average Price by Type (2027-2032) & (USD/Unit)

Table 54. World Encoder Production Value by Application, (USD Million), 2021 & 2025

& 2032

- Table 55. World Encoder Production by Application (2021-2026) & (K Units)
- Table 56. World Encoder Production by Application (2027-2032) & (K Units)
- Table 57. World Encoder Production Value by Application (2021-2026) & (USD Million)
- Table 58. World Encoder Production Value by Application (2027-2032) & (USD Million)
- Table 59. World Encoder Average Price by Application (2021-2026) & (USD/Unit)
- Table 60. World Encoder Average Price by Application (2027-2032) & (USD/Unit)
- Table 61. Heidenhain Basic Information, Manufacturing Base and Competitors
- Table 62. Heidenhain Major Business
- Table 63. Heidenhain Encoder Product and Services
- Table 64. Heidenhain Encoder Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 65. Heidenhain Recent Developments/Updates
- Table 66. Heidenhain Competitive Strengths & Weaknesses
- Table 67. Tamagawa Seiki Basic Information, Manufacturing Base and Competitors
- Table 68. Tamagawa Seiki Major Business
- Table 69. Tamagawa Seiki Encoder Product and Services
- Table 70. Tamagawa Seiki Encoder Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 71. Tamagawa Seiki Recent Developments/Updates
- Table 72. Tamagawa Seiki Competitive Strengths & Weaknesses
- Table 73. Sick Basic Information, Manufacturing Base and Competitors
- Table 74. Sick Major Business
- Table 75. Sick Encoder Product and Services
- Table 76. Sick Encoder Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 77. Sick Recent Developments/Updates
- Table 78. Sick Competitive Strengths & Weaknesses
- Table 79. Renishaw Basic Information, Manufacturing Base and Competitors
- Table 80. Renishaw Major Business
- Table 81. Renishaw Encoder Product and Services
- Table 82. Renishaw Encoder Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 83. Renishaw Recent Developments/Updates
- Table 84. Renishaw Competitive Strengths & Weaknesses
- Table 85. Pepperl+Fuchs Basic Information, Manufacturing Base and Competitors
- Table 86. Pepperl+Fuchs Major Business
- Table 87. Pepperl+Fuchs Encoder Product and Services
- Table 88. Pepperl+Fuchs Encoder Production (K Units), Price (USD/Unit), Production

Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 89. Pepperl+Fuchs Recent Developments/Updates

Table 90. Pepperl+Fuchs Competitive Strengths & Weaknesses

Table 91. Dynapar Basic Information, Manufacturing Base and Competitors

Table 92. Dynapar Major Business

Table 93. Dynapar Encoder Product and Services

Table 94. Dynapar Encoder Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 95. Dynapar Recent Developments/Updates

Table 96. Dynapar Competitive Strengths & Weaknesses

Table 97. Baumer Basic Information, Manufacturing Base and Competitors

Table 98. Baumer Major Business

Table 99. Baumer Encoder Product and Services

Table 100. Baumer Encoder Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 101. Baumer Recent Developments/Updates

Table 102. Baumer Competitive Strengths & Weaknesses

Table 103. Sensata Technologies Basic Information, Manufacturing Base and Competitors

Table 104. Sensata Technologies Major Business

Table 105. Sensata Technologies Encoder Product and Services

Table 106. Sensata Technologies Encoder Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 107. Sensata Technologies Recent Developments/Updates

Table 108. Sensata Technologies Competitive Strengths & Weaknesses

Table 109. Broadcom Basic Information, Manufacturing Base and Competitors

Table 110. Broadcom Major Business

Table 111. Broadcom Encoder Product and Services

Table 112. Broadcom Encoder Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 113. Broadcom Recent Developments/Updates

Table 114. Broadcom Competitive Strengths & Weaknesses

Table 115. Omron Basic Information, Manufacturing Base and Competitors

Table 116. Omron Major Business

Table 117. Omron Encoder Product and Services

Table 118. Omron Encoder Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 119. Omron Recent Developments/Updates

Table 120. Omron Competitive Strengths & Weaknesses

- Table 121. TR Electronic Basic Information, Manufacturing Base and Competitors
- Table 122. TR Electronic Major Business
- Table 123. TR Electronic Encoder Product and Services
- Table 124. TR Electronic Encoder Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 125. TR Electronic Recent Developments/Updates
- Table 126. TR Electronic Competitive Strengths & Weaknesses
- Table 127. Balluff Basic Information, Manufacturing Base and Competitors
- Table 128. Balluff Major Business
- Table 129. Balluff Encoder Product and Services
- Table 130. Balluff Encoder Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 131. Balluff Recent Developments/Updates
- Table 132. Balluff Competitive Strengths & Weaknesses
- Table 133. Rockwell Automation Basic Information, Manufacturing Base and Competitors
- Table 134. Rockwell Automation Major Business
- Table 135. Rockwell Automation Encoder Product and Services
- Table 136. Rockwell Automation Encoder Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 137. Rockwell Automation Recent Developments/Updates
- Table 138. Rockwell Automation Competitive Strengths & Weaknesses
- Table 139. Bourns Basic Information, Manufacturing Base and Competitors
- Table 140. Bourns Major Business
- Table 141. Bourns Encoder Product and Services
- Table 142. Bourns Encoder Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 143. Bourns Recent Developments/Updates
- Table 144. Bourns Competitive Strengths & Weaknesses
- Table 145. Zhejiang Reagle Sensing Basic Information, Manufacturing Base and Competitors
- Table 146. Zhejiang Reagle Sensing Major Business
- Table 147. Zhejiang Reagle Sensing Encoder Product and Services
- Table 148. Zhejiang Reagle Sensing Encoder Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 149. Zhejiang Reagle Sensing Recent Developments/Updates
- Table 150. Zhejiang Reagle Sensing Competitive Strengths & Weaknesses
- Table 151. TE Connectivity Basic Information, Manufacturing Base and Competitors
- Table 152. TE Connectivity Major Business

- Table 153. TE Connectivity Encoder Product and Services
- Table 154. TE Connectivity Encoder Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 155. TE Connectivity Recent Developments/Updates
- Table 156. TE Connectivity Competitive Strengths & Weaknesses
- Table 157. Fagor Automation Basic Information, Manufacturing Base and Competitors
- Table 158. Fagor Automation Major Business
- Table 159. Fagor Automation Encoder Product and Services
- Table 160. Fagor Automation Encoder Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 161. Fagor Automation Recent Developments/Updates
- Table 162. Fagor Automation Competitive Strengths & Weaknesses
- Table 163. Kubler Basic Information, Manufacturing Base and Competitors
- Table 164. Kubler Major Business
- Table 165. Kubler Encoder Product and Services
- Table 166. Kubler Encoder Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 167. Kubler Recent Developments/Updates
- Table 168. Kubler Competitive Strengths & Weaknesses
- Table 169. SIKO Basic Information, Manufacturing Base and Competitors
- Table 170. SIKO Major Business
- Table 171. SIKO Encoder Product and Services
- Table 172. SIKO Encoder Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 173. SIKO Recent Developments/Updates
- Table 174. SIKO Competitive Strengths & Weaknesses
- Table 175. JTEKT Electronics Basic Information, Manufacturing Base and Competitors
- Table 176. JTEKT Electronics Major Business
- Table 177. JTEKT Electronics Encoder Product and Services
- Table 178. JTEKT Electronics Encoder Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 179. JTEKT Electronics Recent Developments/Updates
- Table 180. JTEKT Electronics Competitive Strengths & Weaknesses
- Table 181. POSITAL (FRABA) Basic Information, Manufacturing Base and Competitors
- Table 182. POSITAL (FRABA) Major Business
- Table 183. POSITAL (FRABA) Encoder Product and Services
- Table 184. POSITAL (FRABA) Encoder Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 185. POSITAL (FRABA) Recent Developments/Updates

- Table 186. POSITAL (FRABA) Competitive Strengths & Weaknesses
- Table 187. Changchun Yuheng Optics Basic Information, Manufacturing Base and Competitors
- Table 188. Changchun Yuheng Optics Major Business
- Table 189. Changchun Yuheng Optics Encoder Product and Services
- Table 190. Changchun Yuheng Optics Encoder Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 191. Changchun Yuheng Optics Recent Developments/Updates
- Table 192. Changchun Yuheng Optics Competitive Strengths & Weaknesses
- Table 193. Lenord+Bauer Basic Information, Manufacturing Base and Competitors
- Table 194. Lenord+Bauer Major Business
- Table 195. Lenord+Bauer Encoder Product and Services
- Table 196. Lenord+Bauer Encoder Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 197. Lenord+Bauer Recent Developments/Updates
- Table 198. Lenord+Bauer Competitive Strengths & Weaknesses
- Table 199. Faulhaber Basic Information, Manufacturing Base and Competitors
- Table 200. Faulhaber Major Business
- Table 201. Faulhaber Encoder Product and Services
- Table 202. Faulhaber Encoder Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 203. Faulhaber Recent Developments/Updates
- Table 204. Faulhaber Competitive Strengths & Weaknesses
- Table 205. Lika Electronic Basic Information, Manufacturing Base and Competitors
- Table 206. Lika Electronic Major Business
- Table 207. Lika Electronic Encoder Product and Services
- Table 208. Lika Electronic Encoder Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 209. Lika Electronic Recent Developments/Updates
- Table 210. Lika Electronic Competitive Strengths & Weaknesses
- Table 211. Gurley Precision Instruments Basic Information, Manufacturing Base and Competitors
- Table 212. Gurley Precision Instruments Major Business
- Table 213. Gurley Precision Instruments Encoder Product and Services
- Table 214. Gurley Precision Instruments Encoder Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 215. Gurley Precision Instruments Recent Developments/Updates
- Table 216. Gurley Precision Instruments Competitive Strengths & Weaknesses

- Table 217. Mitutoyo Basic Information, Manufacturing Base and Competitors
- Table 218. Mitutoyo Major Business
- Table 219. Mitutoyo Encoder Product and Services
- Table 220. Mitutoyo Encoder Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 221. Mitutoyo Recent Developments/Updates
- Table 222. Mitutoyo Competitive Strengths & Weaknesses
- Table 223. Citizen Micro Co., Ltd Basic Information, Manufacturing Base and Competitors
- Table 224. Citizen Micro Co., Ltd Major Business
- Table 225. Citizen Micro Co., Ltd Encoder Product and Services
- Table 226. Citizen Micro Co., Ltd Encoder Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 227. Citizen Micro Co., Ltd Recent Developments/Updates
- Table 228. Citizen Micro Co., Ltd Competitive Strengths & Weaknesses
- Table 229. ELCO Industrie Automation GmbH Basic Information, Manufacturing Base and Competitors
- Table 230. ELCO Industrie Automation GmbH Major Business
- Table 231. ELCO Industrie Automation GmbH Encoder Product and Services
- Table 232. ELCO Industrie Automation GmbH Encoder Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 233. ELCO Industrie Automation GmbH Recent Developments/Updates
- Table 234. ELCO Industrie Automation GmbH Competitive Strengths & Weaknesses
- Table 235. Weihai Idencoder Electronic Technology Basic Information, Manufacturing Base and Competitors
- Table 236. Weihai Idencoder Electronic Technology Major Business
- Table 237. Weihai Idencoder Electronic Technology Encoder Product and Services
- Table 238. Weihai Idencoder Electronic Technology Encoder Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 239. Weihai Idencoder Electronic Technology Recent Developments/Updates
- Table 240. Weihai Idencoder Electronic Technology Competitive Strengths & Weaknesses
- Table 241. Autonics Corporation Basic Information, Manufacturing Base and Competitors
- Table 242. Autonics Corporation Major Business
- Table 243. Autonics Corporation Encoder Product and Services
- Table 244. Autonics Corporation Encoder Production (K Units), Price (USD/Unit),

- Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 245. Autonics Corporation Recent Developments/Updates
- Table 246. Autonics Corporation Competitive Strengths & Weaknesses
- Table 247. Precizika Metrology Basic Information, Manufacturing Base and Competitors
- Table 248. Precizika Metrology Major Business
- Table 249. Precizika Metrology Encoder Product and Services
- Table 250. Precizika Metrology Encoder Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 251. Precizika Metrology Recent Developments/Updates
- Table 252. Precizika Metrology Competitive Strengths & Weaknesses
- Table 253. Givi Misure srl Basic Information, Manufacturing Base and Competitors
- Table 254. Givi Misure srl Major Business
- Table 255. Givi Misure srl Encoder Product and Services
- Table 256. Givi Misure srl Encoder Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 257. Givi Misure srl Recent Developments/Updates
- Table 258. Givi Misure srl Competitive Strengths & Weaknesses
- Table 259. Advanced Micro Controls Inc (AMCI) Basic Information, Manufacturing Base and Competitors
- Table 260. Advanced Micro Controls Inc (AMCI) Major Business
- Table 261. Advanced Micro Controls Inc (AMCI) Encoder Product and Services
- Table 262. Advanced Micro Controls Inc (AMCI) Encoder Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 263. Advanced Micro Controls Inc (AMCI) Recent Developments/Updates
- Table 264. Advanced Micro Controls Inc (AMCI) Competitive Strengths & Weaknesses
- Table 265. Allient Inc Basic Information, Manufacturing Base and Competitors
- Table 266. Allient Inc Major Business
- Table 267. Allient Inc Encoder Product and Services
- Table 268. Allient Inc Encoder Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 269. Allient Inc Recent Developments/Updates
- Table 270. Allient Inc Competitive Strengths & Weaknesses
- Table 271. Elap srl Basic Information, Manufacturing Base and Competitors
- Table 272. Elap srl Major Business
- Table 273. Elap srl Encoder Product and Services
- Table 274. Elap srl Encoder Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 275. Elap srl Recent Developments/Updates

- Table 276. Elap srl Competitive Strengths & Weaknesses
- Table 277. Pilz GmbH & Co. KG Basic Information, Manufacturing Base and Competitors
- Table 278. Pilz GmbH & Co. KG Major Business
- Table 279. Pilz GmbH & Co. KG Encoder Product and Services
- Table 280. Pilz GmbH & Co. KG Encoder Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 281. Pilz GmbH & Co. KG Recent Developments/Updates
- Table 282. Pilz GmbH & Co. KG Competitive Strengths & Weaknesses
- Table 283. ifm electronic Basic Information, Manufacturing Base and Competitors
- Table 284. ifm electronic Major Business
- Table 285. ifm electronic Encoder Product and Services
- Table 286. ifm electronic Encoder Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 287. ifm electronic Recent Developments/Updates
- Table 288. ifm electronic Competitive Strengths & Weaknesses
- Table 289. Encoder Products Company Basic Information, Manufacturing Base and Competitors
- Table 290. Encoder Products Company Major Business
- Table 291. Encoder Products Company Encoder Product and Services
- Table 292. Encoder Products Company Encoder Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 293. Encoder Products Company Recent Developments/Updates
- Table 294. Encoder Products Company Competitive Strengths & Weaknesses
- Table 295. Quantum Devices Basic Information, Manufacturing Base and Competitors
- Table 296. Quantum Devices Major Business
- Table 297. Quantum Devices Encoder Product and Services
- Table 298. Quantum Devices Encoder Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 299. Quantum Devices Recent Developments/Updates
- Table 300. Quantum Devices Competitive Strengths & Weaknesses
- Table 301. Global Key Players of Encoder Upstream (Raw Materials)
- Table 302. Global Encoder Typical Customers
- Table 303. Encoder Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. Encoder Picture

Figure 2. World Encoder Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World Encoder Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World Encoder Production (2021-2032) & (K Units)

Figure 5. World Encoder Average Price (2021-2032) & (USD/Unit)

Figure 6. World Encoder Production Value Market Share by Region (2021-2032)

Figure 7. World Encoder Production Market Share by Region (2021-2032)

Figure 8. North America Encoder Production (2021-2032) & (K Units)

Figure 9. Europe Encoder Production (2021-2032) & (K Units)

Figure 10. China Encoder Production (2021-2032) & (K Units)

Figure 11. Japan Encoder Production (2021-2032) & (K Units)

Figure 12. Encoder Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Encoder Consumption (2021-2032) & (K Units)

Figure 15. World Encoder Consumption Market Share by Region (2021-2032)

Figure 16. United States Encoder Consumption (2021-2032) & (K Units)

Figure 17. China Encoder Consumption (2021-2032) & (K Units)

Figure 18. Europe Encoder Consumption (2021-2032) & (K Units)

Figure 19. Japan Encoder Consumption (2021-2032) & (K Units)

Figure 20. South Korea Encoder Consumption (2021-2032) & (K Units)

Figure 21. ASEAN Encoder Consumption (2021-2032) & (K Units)

Figure 22. India Encoder Consumption (2021-2032) & (K Units)

Figure 23. Producer Shipments of Encoder by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 24. Global Four-firm Concentration Ratios (CR4) for Encoder Markets in 2025

Figure 25. Global Four-firm Concentration Ratios (CR8) for Encoder Markets in 2025

Figure 26. United States VS China: Encoder Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 27. United States VS China: Encoder Production Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: Encoder Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States Based Manufacturers Encoder Production Market Share 2025

Figure 30. China Based Manufacturers Encoder Production Market Share 2025

Figure 31. Rest of World Based Manufacturers Encoder Production Market Share 2025

Figure 32. World Encoder Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 33. World Encoder Production Value Market Share by Type in 2025

Figure 34. Rotary Encoder

Figure 35. Linear Encoder

Figure 36. World Encoder Production Market Share by Type (2021-2032)

Figure 37. World Encoder Production Value Market Share by Type (2021-2032)

Figure 38. World Encoder Average Price by Type (2021-2032) & (USD/Unit)

Figure 39. World Encoder Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 40. World Encoder Production Value Market Share by Application in 2025

Figure 41. Machine Tools

Figure 42. Robots

Figure 43. Packaging Equipment

Figure 44. Conveyor

Figure 45. Textile Machinery

Figure 46. Construction Machinery

Figure 47. Medical Equipment

Figure 48. Elevators

Figure 49. Elevators

Figure 50. World Encoder Production Market Share by Application (2021-2032)

Figure 51. World Encoder Production Value Market Share by Application (2021-2032)

Figure 52. World Encoder Average Price by Application (2021-2032) & (USD/Unit)

Figure 53. Encoder Industry Chain

Figure 54. Encoder Procurement Model

Figure 55. Encoder Sales Model

Figure 56. Encoder Sales Channels, Direct Sales, and Distribution

Figure 57. Methodology

Figure 58. Research Process and Data Source

I would like to order

Product name: Global Encoder Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/G22D42112F05EN.html>

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G22D42112F05EN.html>