

Global Miniature Rotary Encoder Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Miniature Rotary Encoder market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

The Miniature Rotary Encoder is a small electronic device that measures and records the angle and position of rotational motion. It usually consists of a rotary axis, a fixed axis and an encoder module. Encoder modules contain optical or magnetic sensors to detect the motion of a rotary shaft. When the rotating shaft turns, the sensor will output a corresponding electrical signal. These electrical signals can be read and decoded to determine the position, orientation and angular change of the rotating shaft. Miniature rotary encoders are usually small in size and lightweight in design, making them suitable for use in equipment or systems with space constraints. They can be widely used in various fields, such as electronic equipment, automatic control system, robot, aerospace and so on. In these applications, miniature rotary encoders are often used for tasks such as position control, speed measurement, and angle detection.

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

This report is a detailed and comprehensive analysis of the world market for Miniature Rotary Encoder, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Miniature Rotary Encoder that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Miniature Rotary Encoder total production and demand, 2018-2029, (K Units)

Global Miniature Rotary Encoder total production value, 2018-2029, (USD Million)

Global Miniature Rotary Encoder production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Miniature Rotary Encoder consumption by region & country, CAGR, 2018-2029 & (K Units)

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

Global Miniature Rotary Encoder production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Miniature Rotary Encoder production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Miniature Rotary Encoder production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units)

This reports profiles key players in the global Miniature Rotary 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 HENGSTLER, RENISHAW, SIKO GmbH, Lika Smart encoders & actuators, TR-Electronic GmbH, MEGATRON Elektronik GmbH & Co. KG, K?BLER GmbH, Autonics and GURLEY Precision Instruments, etc.

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 Miniature Rotary Encoder market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$

Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Miniature Rotary Encoder Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Miniature Rotary Encoder Market, Segmentation by Type

Absolute Value

Incremental

Global Miniature Rotary Encoder Market, Segmentation by Application

Electronic

Industrial

Aerospace

Other

Companies Profiled:

HENGSTLER

RENISHAW

SIKO GmbH

Lika Smart encoders & actuators

TR-Electronic GmbH

MEGATRON Elektronik GmbH & Co. KG

K?BLER GmbH

Autonics

GURLEY Precision Instruments

ELAP

POSIC

POSITAL FRABA

ELCIS ENCODER

Eltra S.p.a.

US Digital

Wachendorff Automation GmbH & Co. KG

ELGO Electronic

Leine & Linde

Netzer Precision Position Sensors

Scancon

AMI Elektronik

Hohner Elektrotechnik GmbH

Celera Motion

Vishan Motor

Excitron Corporation

omron

RLS d.o.o

Key Questions Answered

1. How big is the global Miniature Rotary Encoder market?
2. What is the demand of the global Miniature Rotary Encoder market?
3. What is the year over year growth of the global Miniature Rotary Encoder market?
4. What is the production and production value of the global Miniature Rotary Encoder market?
5. Who are the key producers in the global Miniature Rotary Encoder market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 Miniature Rotary Encoder Introduction
- 1.2 World Miniature Rotary Encoder Supply & Forecast
 - 1.2.1 World Miniature Rotary Encoder Production Value (2018 & 2022 & 2029)
 - 1.2.2 World Miniature Rotary Encoder Production (2018-2029)
 - 1.2.3 World Miniature Rotary Encoder Pricing Trends (2018-2029)
- 1.3 World Miniature Rotary Encoder Production by Region (Based on Production Site)
 - 1.3.1 World Miniature Rotary Encoder Production Value by Region (2018-2029)
 - 1.3.2 World Miniature Rotary Encoder Production by Region (2018-2029)
 - 1.3.3 World Miniature Rotary Encoder Average Price by Region (2018-2029)
 - 1.3.4 North America Miniature Rotary Encoder Production (2018-2029)
 - 1.3.5 Europe Miniature Rotary Encoder Production (2018-2029)
 - 1.3.6 China Miniature Rotary Encoder Production (2018-2029)
 - 1.3.7 Japan Miniature Rotary Encoder Production (2018-2029)
 - 1.3.8 South Korea Miniature Rotary Encoder Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Miniature Rotary Encoder Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Miniature Rotary Encoder Major Market Trends
- 1.5 Influence of COVID-19 and Russia-Ukraine War
 - 1.5.1 Influence of COVID-19
 - 1.5.2 Influence of Russia-Ukraine War

2 DEMAND SUMMARY

- 2.1 World Miniature Rotary Encoder Demand (2018-2029)
- 2.2 World Miniature Rotary Encoder Consumption by Region
 - 2.2.1 World Miniature Rotary Encoder Consumption by Region (2018-2023)
 - 2.2.2 World Miniature Rotary Encoder Consumption Forecast by Region (2024-2029)
- 2.3 United States Miniature Rotary Encoder Consumption (2018-2029)
- 2.4 China Miniature Rotary Encoder Consumption (2018-2029)
- 2.5 Europe Miniature Rotary Encoder Consumption (2018-2029)
- 2.6 Japan Miniature Rotary Encoder Consumption (2018-2029)
- 2.7 South Korea Miniature Rotary Encoder Consumption (2018-2029)
- 2.8 ASEAN Miniature Rotary Encoder Consumption (2018-2029)
- 2.9 India Miniature Rotary Encoder Consumption (2018-2029)

3 WORLD MINIATURE ROTARY ENCODER MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Miniature Rotary Encoder Production Value by Manufacturer (2018-2023)
- 3.2 World Miniature Rotary Encoder Production by Manufacturer (2018-2023)
- 3.3 World Miniature Rotary Encoder Average Price by Manufacturer (2018-2023)
- 3.4 Miniature Rotary Encoder Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global Miniature Rotary Encoder Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for Miniature Rotary Encoder in 2022
 - 3.5.3 Global Concentration Ratios (CR8) for Miniature Rotary Encoder in 2022
- 3.6 Miniature Rotary Encoder Market: Overall Company Footprint Analysis
 - 3.6.1 Miniature Rotary Encoder Market: Region Footprint
 - 3.6.2 Miniature Rotary Encoder Market: Company Product Type Footprint
 - 3.6.3 Miniature Rotary 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: Miniature Rotary Encoder Production Value Comparison
 - 4.1.1 United States VS China: Miniature Rotary Encoder Production Value Comparison (2018 & 2022 & 2029)
 - 4.1.2 United States VS China: Miniature Rotary Encoder Production Value Market Share Comparison (2018 & 2022 & 2029)
- 4.2 United States VS China: Miniature Rotary Encoder Production Comparison
 - 4.2.1 United States VS China: Miniature Rotary Encoder Production Comparison (2018 & 2022 & 2029)
 - 4.2.2 United States VS China: Miniature Rotary Encoder Production Market Share Comparison (2018 & 2022 & 2029)
- 4.3 United States VS China: Miniature Rotary Encoder Consumption Comparison
 - 4.3.1 United States VS China: Miniature Rotary Encoder Consumption Comparison (2018 & 2022 & 2029)
 - 4.3.2 United States VS China: Miniature Rotary Encoder Consumption Market Share

Comparison (2018 & 2022 & 2029)

4.4 United States Based Miniature Rotary Encoder Manufacturers and Market Share, 2018-2023

4.4.1 United States Based Miniature Rotary Encoder Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Miniature Rotary Encoder Production Value (2018-2023)

4.4.3 United States Based Manufacturers Miniature Rotary Encoder Production (2018-2023)

4.5 China Based Miniature Rotary Encoder Manufacturers and Market Share

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

4.5.2 China Based Manufacturers Miniature Rotary Encoder Production Value (2018-2023)

4.5.3 China Based Manufacturers Miniature Rotary Encoder Production (2018-2023)

4.6 Rest of World Based Miniature Rotary Encoder Manufacturers and Market Share, 2018-2023

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

4.6.2 Rest of World Based Manufacturers Miniature Rotary Encoder Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers Miniature Rotary Encoder Production (2018-2023)

5 MARKET ANALYSIS BY TYPE

5.1 World Miniature Rotary Encoder Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 Absolute Value

5.2.2 Incremental

5.3 Market Segment by Type

5.3.1 World Miniature Rotary Encoder Production by Type (2018-2029)

5.3.2 World Miniature Rotary Encoder Production Value by Type (2018-2029)

5.3.3 World Miniature Rotary Encoder Average Price by Type (2018-2029)

6 MARKET ANALYSIS BY APPLICATION

6.1 World Miniature Rotary Encoder Market Size Overview by Application: 2018 VS

2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 Electronic

6.2.2 Industrial

6.2.3 Aerospace

6.2.4 Other

6.3 Market Segment by Application

6.3.1 World Miniature Rotary Encoder Production by Application (2018-2029)

6.3.2 World Miniature Rotary Encoder Production Value by Application (2018-2029)

6.3.3 World Miniature Rotary Encoder Average Price by Application (2018-2029)

7 COMPANY PROFILES

7.1 HENGSTLER

7.1.1 HENGSTLER Details

7.1.2 HENGSTLER Major Business

7.1.3 HENGSTLER Miniature Rotary Encoder Product and Services

7.1.4 HENGSTLER Miniature Rotary Encoder Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.1.5 HENGSTLER Recent Developments/Updates

7.1.6 HENGSTLER Competitive Strengths & Weaknesses

7.2 RENISHAW

7.2.1 RENISHAW Details

7.2.2 RENISHAW Major Business

7.2.3 RENISHAW Miniature Rotary Encoder Product and Services

7.2.4 RENISHAW Miniature Rotary Encoder Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.2.5 RENISHAW Recent Developments/Updates

7.2.6 RENISHAW Competitive Strengths & Weaknesses

7.3 SIKO GmbH

7.3.1 SIKO GmbH Details

7.3.2 SIKO GmbH Major Business

7.3.3 SIKO GmbH Miniature Rotary Encoder Product and Services

7.3.4 SIKO GmbH Miniature Rotary Encoder Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.3.5 SIKO GmbH Recent Developments/Updates

7.3.6 SIKO GmbH Competitive Strengths & Weaknesses

7.4 Lika Smart encoders & actuators

7.4.1 Lika Smart encoders & actuators Details

- 7.4.2 Lika Smart encoders & actuators Major Business
- 7.4.3 Lika Smart encoders & actuators Miniature Rotary Encoder Product and Services
- 7.4.4 Lika Smart encoders & actuators Miniature Rotary Encoder Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.4.5 Lika Smart encoders & actuators Recent Developments/Updates
- 7.4.6 Lika Smart encoders & actuators Competitive Strengths & Weaknesses
- 7.5 TR-Electronic GmbH
 - 7.5.1 TR-Electronic GmbH Details
 - 7.5.2 TR-Electronic GmbH Major Business
 - 7.5.3 TR-Electronic GmbH Miniature Rotary Encoder Product and Services
 - 7.5.4 TR-Electronic GmbH Miniature Rotary Encoder Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.5.5 TR-Electronic GmbH Recent Developments/Updates
 - 7.5.6 TR-Electronic GmbH Competitive Strengths & Weaknesses
- 7.6 MEGATRON Elektronik GmbH & Co. KG
 - 7.6.1 MEGATRON Elektronik GmbH & Co. KG Details
 - 7.6.2 MEGATRON Elektronik GmbH & Co. KG Major Business
 - 7.6.3 MEGATRON Elektronik GmbH & Co. KG Miniature Rotary Encoder Product and Services
 - 7.6.4 MEGATRON Elektronik GmbH & Co. KG Miniature Rotary Encoder Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.6.5 MEGATRON Elektronik GmbH & Co. KG Recent Developments/Updates
 - 7.6.6 MEGATRON Elektronik GmbH & Co. KG Competitive Strengths & Weaknesses
- 7.7 K?BLER GmbH
 - 7.7.1 K?BLER GmbH Details
 - 7.7.2 K?BLER GmbH Major Business
 - 7.7.3 K?BLER GmbH Miniature Rotary Encoder Product and Services
 - 7.7.4 K?BLER GmbH Miniature Rotary Encoder Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.7.5 K?BLER GmbH Recent Developments/Updates
 - 7.7.6 K?BLER GmbH Competitive Strengths & Weaknesses
- 7.8 Autonics
 - 7.8.1 Autonics Details
 - 7.8.2 Autonics Major Business
 - 7.8.3 Autonics Miniature Rotary Encoder Product and Services
 - 7.8.4 Autonics Miniature Rotary Encoder Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.8.5 Autonics Recent Developments/Updates
 - 7.8.6 Autonics Competitive Strengths & Weaknesses

7.9 GURLEY Precision Instruments

7.9.1 GURLEY Precision Instruments Details

7.9.2 GURLEY Precision Instruments Major Business

7.9.3 GURLEY Precision Instruments Miniature Rotary Encoder Product and Services

7.9.4 GURLEY Precision Instruments Miniature Rotary Encoder Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.9.5 GURLEY Precision Instruments Recent Developments/Updates

7.9.6 GURLEY Precision Instruments Competitive Strengths & Weaknesses

7.10 ELAP

7.10.1 ELAP Details

7.10.2 ELAP Major Business

7.10.3 ELAP Miniature Rotary Encoder Product and Services

7.10.4 ELAP Miniature Rotary Encoder Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.10.5 ELAP Recent Developments/Updates

7.10.6 ELAP Competitive Strengths & Weaknesses

7.11 POSIC

7.11.1 POSIC Details

7.11.2 POSIC Major Business

7.11.3 POSIC Miniature Rotary Encoder Product and Services

7.11.4 POSIC Miniature Rotary Encoder Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.11.5 POSIC Recent Developments/Updates

7.11.6 POSIC Competitive Strengths & Weaknesses

7.12 POSITAL FRABA

7.12.1 POSITAL FRABA Details

7.12.2 POSITAL FRABA Major Business

7.12.3 POSITAL FRABA Miniature Rotary Encoder Product and Services

7.12.4 POSITAL FRABA Miniature Rotary Encoder Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.12.5 POSITAL FRABA Recent Developments/Updates

7.12.6 POSITAL FRABA Competitive Strengths & Weaknesses

7.13 ELCIS ENCODER

7.13.1 ELCIS ENCODER Details

7.13.2 ELCIS ENCODER Major Business

7.13.3 ELCIS ENCODER Miniature Rotary Encoder Product and Services

7.13.4 ELCIS ENCODER Miniature Rotary Encoder Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.13.5 ELCIS ENCODER Recent Developments/Updates

- 7.13.6 ELCIS ENCODER Competitive Strengths & Weaknesses
- 7.14 Eltra S.p.a.
 - 7.14.1 Eltra S.p.a. Details
 - 7.14.2 Eltra S.p.a. Major Business
 - 7.14.3 Eltra S.p.a. Miniature Rotary Encoder Product and Services
 - 7.14.4 Eltra S.p.a. Miniature Rotary Encoder Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.14.5 Eltra S.p.a. Recent Developments/Updates
 - 7.14.6 Eltra S.p.a. Competitive Strengths & Weaknesses
- 7.15 US Digital
 - 7.15.1 US Digital Details
 - 7.15.2 US Digital Major Business
 - 7.15.3 US Digital Miniature Rotary Encoder Product and Services
 - 7.15.4 US Digital Miniature Rotary Encoder Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.15.5 US Digital Recent Developments/Updates
 - 7.15.6 US Digital Competitive Strengths & Weaknesses
- 7.16 Wachendorff Automation GmbH & Co. KG
 - 7.16.1 Wachendorff Automation GmbH & Co. KG Details
 - 7.16.2 Wachendorff Automation GmbH & Co. KG Major Business
 - 7.16.3 Wachendorff Automation GmbH & Co. KG Miniature Rotary Encoder Product and Services
 - 7.16.4 Wachendorff Automation GmbH & Co. KG Miniature Rotary Encoder Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.16.5 Wachendorff Automation GmbH & Co. KG Recent Developments/Updates
 - 7.16.6 Wachendorff Automation GmbH & Co. KG Competitive Strengths & Weaknesses
- 7.17 ELGO Electronic
 - 7.17.1 ELGO Electronic Details
 - 7.17.2 ELGO Electronic Major Business
 - 7.17.3 ELGO Electronic Miniature Rotary Encoder Product and Services
 - 7.17.4 ELGO Electronic Miniature Rotary Encoder Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.17.5 ELGO Electronic Recent Developments/Updates
 - 7.17.6 ELGO Electronic Competitive Strengths & Weaknesses
- 7.18 Leine & Linde
 - 7.18.1 Leine & Linde Details
 - 7.18.2 Leine & Linde Major Business
 - 7.18.3 Leine & Linde Miniature Rotary Encoder Product and Services

7.18.4 Leine & Linde Miniature Rotary Encoder Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.18.5 Leine & Linde Recent Developments/Updates

7.18.6 Leine & Linde Competitive Strengths & Weaknesses

7.19 Netzer Precision Position Sensors

7.19.1 Netzer Precision Position Sensors Details

7.19.2 Netzer Precision Position Sensors Major Business

7.19.3 Netzer Precision Position Sensors Miniature Rotary Encoder Product and Services

7.19.4 Netzer Precision Position Sensors Miniature Rotary Encoder Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.19.5 Netzer Precision Position Sensors Recent Developments/Updates

7.19.6 Netzer Precision Position Sensors Competitive Strengths & Weaknesses

7.20 Scancon

7.20.1 Scancon Details

7.20.2 Scancon Major Business

7.20.3 Scancon Miniature Rotary Encoder Product and Services

7.20.4 Scancon Miniature Rotary Encoder Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.20.5 Scancon Recent Developments/Updates

7.20.6 Scancon Competitive Strengths & Weaknesses

7.21 AMI Elektronik

7.21.1 AMI Elektronik Details

7.21.2 AMI Elektronik Major Business

7.21.3 AMI Elektronik Miniature Rotary Encoder Product and Services

7.21.4 AMI Elektronik Miniature Rotary Encoder Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.21.5 AMI Elektronik Recent Developments/Updates

7.21.6 AMI Elektronik Competitive Strengths & Weaknesses

7.22 Hohner Elektrotechnik GmbH

7.22.1 Hohner Elektrotechnik GmbH Details

7.22.2 Hohner Elektrotechnik GmbH Major Business

7.22.3 Hohner Elektrotechnik GmbH Miniature Rotary Encoder Product and Services

7.22.4 Hohner Elektrotechnik GmbH Miniature Rotary Encoder Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.22.5 Hohner Elektrotechnik GmbH Recent Developments/Updates

7.22.6 Hohner Elektrotechnik GmbH Competitive Strengths & Weaknesses

7.23 Celera Motion

7.23.1 Celera Motion Details

- 7.23.2 Celera Motion Major Business
- 7.23.3 Celera Motion Miniature Rotary Encoder Product and Services
- 7.23.4 Celera Motion Miniature Rotary Encoder Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.23.5 Celera Motion Recent Developments/Updates
- 7.23.6 Celera Motion Competitive Strengths & Weaknesses
- 7.24 Vishan Motor
 - 7.24.1 Vishan Motor Details
 - 7.24.2 Vishan Motor Major Business
 - 7.24.3 Vishan Motor Miniature Rotary Encoder Product and Services
 - 7.24.4 Vishan Motor Miniature Rotary Encoder Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.24.5 Vishan Motor Recent Developments/Updates
 - 7.24.6 Vishan Motor Competitive Strengths & Weaknesses
- 7.25 Excitron Corporation
 - 7.25.1 Excitron Corporation Details
 - 7.25.2 Excitron Corporation Major Business
 - 7.25.3 Excitron Corporation Miniature Rotary Encoder Product and Services
 - 7.25.4 Excitron Corporation Miniature Rotary Encoder Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.25.5 Excitron Corporation Recent Developments/Updates
 - 7.25.6 Excitron Corporation Competitive Strengths & Weaknesses
- 7.26 omron
 - 7.26.1 omron Details
 - 7.26.2 omron Major Business
 - 7.26.3 omron Miniature Rotary Encoder Product and Services
 - 7.26.4 omron Miniature Rotary Encoder Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.26.5 omron Recent Developments/Updates
 - 7.26.6 omron Competitive Strengths & Weaknesses
- 7.27 RLS d.o.o
 - 7.27.1 RLS d.o.o Details
 - 7.27.2 RLS d.o.o Major Business
 - 7.27.3 RLS d.o.o Miniature Rotary Encoder Product and Services
 - 7.27.4 RLS d.o.o Miniature Rotary Encoder Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.27.5 RLS d.o.o Recent Developments/Updates
 - 7.27.6 RLS d.o.o Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

8.1 Miniature Rotary Encoder Industry Chain

8.2 Miniature Rotary Encoder Upstream Analysis

8.2.1 Miniature Rotary Encoder Core Raw Materials

8.2.2 Main Manufacturers of Miniature Rotary Encoder Core Raw Materials

8.3 Midstream Analysis

8.4 Downstream Analysis

8.5 Miniature Rotary Encoder Production Mode

8.6 Miniature Rotary Encoder Procurement Model

8.7 Miniature Rotary Encoder Industry Sales Model and Sales Channels

8.7.1 Miniature Rotary Encoder Sales Model

8.7.2 Miniature Rotary Encoder Typical Customers

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 Miniature Rotary Encoder Production Value by Region (2018, 2022 and 2029) & (USD Million)
- Table 2. World Miniature Rotary Encoder Production Value by Region (2018-2023) & (USD Million)
- Table 3. World Miniature Rotary Encoder Production Value by Region (2024-2029) & (USD Million)
- Table 4. World Miniature Rotary Encoder Production Value Market Share by Region (2018-2023)
- Table 5. World Miniature Rotary Encoder Production Value Market Share by Region (2024-2029)
- Table 6. World Miniature Rotary Encoder Production by Region (2018-2023) & (K Units)
- Table 7. World Miniature Rotary Encoder Production by Region (2024-2029) & (K Units)
- Table 8. World Miniature Rotary Encoder Production Market Share by Region (2018-2023)
- Table 9. World Miniature Rotary Encoder Production Market Share by Region (2024-2029)
- Table 10. World Miniature Rotary Encoder Average Price by Region (2018-2023) & (US\$/Unit)
- Table 11. World Miniature Rotary Encoder Average Price by Region (2024-2029) & (US\$/Unit)
- Table 12. Miniature Rotary Encoder Major Market Trends
- Table 13. World Miniature Rotary Encoder Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (K Units)
- Table 14. World Miniature Rotary Encoder Consumption by Region (2018-2023) & (K Units)
- Table 15. World Miniature Rotary Encoder Consumption Forecast by Region (2024-2029) & (K Units)
- Table 16. World Miniature Rotary Encoder Production Value by Manufacturer (2018-2023) & (USD Million)
- Table 17. Production Value Market Share of Key Miniature Rotary Encoder Producers in 2022
- Table 18. World Miniature Rotary Encoder Production by Manufacturer (2018-2023) & (K Units)
- Table 19. Production Market Share of Key Miniature Rotary Encoder Producers in 2022
- Table 20. World Miniature Rotary Encoder Average Price by Manufacturer (2018-2023)

& (US\$/Unit)

Table 21. Global Miniature Rotary Encoder Company Evaluation Quadrant

Table 22. World Miniature Rotary Encoder Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and Miniature Rotary Encoder Production Site of Key Manufacturer

Table 24. Miniature Rotary Encoder Market: Company Product Type Footprint

Table 25. Miniature Rotary Encoder Market: Company Product Application Footprint

Table 26. Miniature Rotary Encoder Competitive Factors

Table 27. Miniature Rotary Encoder New Entrant and Capacity Expansion Plans

Table 28. Miniature Rotary Encoder Mergers & Acquisitions Activity

Table 29. United States VS China Miniature Rotary Encoder Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China Miniature Rotary Encoder Production Comparison, (2018 & 2022 & 2029) & (K Units)

Table 31. United States VS China Miniature Rotary Encoder Consumption Comparison, (2018 & 2022 & 2029) & (K Units)

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

Table 33. United States Based Manufacturers Miniature Rotary Encoder Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers Miniature Rotary Encoder Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers Miniature Rotary Encoder Production (2018-2023) & (K Units)

Table 36. United States Based Manufacturers Miniature Rotary Encoder Production Market Share (2018-2023)

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

Table 38. China Based Manufacturers Miniature Rotary Encoder Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers Miniature Rotary Encoder Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers Miniature Rotary Encoder Production (2018-2023) & (K Units)

Table 41. China Based Manufacturers Miniature Rotary Encoder Production Market Share (2018-2023)

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

Table 43. Rest of World Based Manufacturers Miniature Rotary Encoder Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers Miniature Rotary Encoder Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Miniature Rotary Encoder Production (2018-2023) & (K Units)

Table 46. Rest of World Based Manufacturers Miniature Rotary Encoder Production Market Share (2018-2023)

Table 47. World Miniature Rotary Encoder Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World Miniature Rotary Encoder Production by Type (2018-2023) & (K Units)

Table 49. World Miniature Rotary Encoder Production by Type (2024-2029) & (K Units)

Table 50. World Miniature Rotary Encoder Production Value by Type (2018-2023) & (USD Million)

Table 51. World Miniature Rotary Encoder Production Value by Type (2024-2029) & (USD Million)

Table 52. World Miniature Rotary Encoder Average Price by Type (2018-2023) & (US\$/Unit)

Table 53. World Miniature Rotary Encoder Average Price by Type (2024-2029) & (US\$/Unit)

Table 54. World Miniature Rotary Encoder Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Miniature Rotary Encoder Production by Application (2018-2023) & (K Units)

Table 56. World Miniature Rotary Encoder Production by Application (2024-2029) & (K Units)

Table 57. World Miniature Rotary Encoder Production Value by Application (2018-2023) & (USD Million)

Table 58. World Miniature Rotary Encoder Production Value by Application (2024-2029) & (USD Million)

Table 59. World Miniature Rotary Encoder Average Price by Application (2018-2023) & (US\$/Unit)

Table 60. World Miniature Rotary Encoder Average Price by Application (2024-2029) & (US\$/Unit)

Table 61. HENGSTLER Basic Information, Manufacturing Base and Competitors

Table 62. HENGSTLER Major Business

Table 63. HENGSTLER Miniature Rotary Encoder Product and Services

Table 64. HENGSTLER Miniature Rotary Encoder Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share

(2018-2023)

Table 65. HENGSTLER Recent Developments/Updates

Table 66. HENGSTLER Competitive Strengths & Weaknesses

Table 67. RENISHAW Basic Information, Manufacturing Base and Competitors

Table 68. RENISHAW Major Business

Table 69. RENISHAW Miniature Rotary Encoder Product and Services

Table 70. RENISHAW Miniature Rotary Encoder Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. RENISHAW Recent Developments/Updates

Table 72. RENISHAW Competitive Strengths & Weaknesses

Table 73. SIKO GmbH Basic Information, Manufacturing Base and Competitors

Table 74. SIKO GmbH Major Business

Table 75. SIKO GmbH Miniature Rotary Encoder Product and Services

Table 76. SIKO GmbH Miniature Rotary Encoder Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. SIKO GmbH Recent Developments/Updates

Table 78. SIKO GmbH Competitive Strengths & Weaknesses

Table 79. Lika Smart encoders & actuators Basic Information, Manufacturing Base and Competitors

Table 80. Lika Smart encoders & actuators Major Business

Table 81. Lika Smart encoders & actuators Miniature Rotary Encoder Product and Services

Table 82. Lika Smart encoders & actuators Miniature Rotary Encoder Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 83. Lika Smart encoders & actuators Recent Developments/Updates

Table 84. Lika Smart encoders & actuators Competitive Strengths & Weaknesses

Table 85. TR-Electronic GmbH Basic Information, Manufacturing Base and Competitors

Table 86. TR-Electronic GmbH Major Business

Table 87. TR-Electronic GmbH Miniature Rotary Encoder Product and Services

Table 88. TR-Electronic GmbH Miniature Rotary Encoder Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 89. TR-Electronic GmbH Recent Developments/Updates

Table 90. TR-Electronic GmbH Competitive Strengths & Weaknesses

Table 91. MEGATRON Elektronik GmbH & Co. KG Basic Information, Manufacturing Base and Competitors

Table 92. MEGATRON Elektronik GmbH & Co. KG Major Business

Table 93. MEGATRON Elektronik GmbH & Co. KG Miniature Rotary Encoder Product

and Services

Table 94. MEGATRON Elektronik GmbH & Co. KG Miniature Rotary Encoder Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 95. MEGATRON Elektronik GmbH & Co. KG Recent Developments/Updates

Table 96. MEGATRON Elektronik GmbH & Co. KG Competitive Strengths & Weaknesses

Table 97. K?BLER GmbH Basic Information, Manufacturing Base and Competitors

Table 98. K?BLER GmbH Major Business

Table 99. K?BLER GmbH Miniature Rotary Encoder Product and Services

Table 100. K?BLER GmbH Miniature Rotary Encoder Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 101. K?BLER GmbH Recent Developments/Updates

Table 102. K?BLER GmbH Competitive Strengths & Weaknesses

Table 103. Autonics Basic Information, Manufacturing Base and Competitors

Table 104. Autonics Major Business

Table 105. Autonics Miniature Rotary Encoder Product and Services

Table 106. Autonics Miniature Rotary Encoder Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 107. Autonics Recent Developments/Updates

Table 108. Autonics Competitive Strengths & Weaknesses

Table 109. GURLEY Precision Instruments Basic Information, Manufacturing Base and Competitors

Table 110. GURLEY Precision Instruments Major Business

Table 111. GURLEY Precision Instruments Miniature Rotary Encoder Product and Services

Table 112. GURLEY Precision Instruments Miniature Rotary Encoder Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 113. GURLEY Precision Instruments Recent Developments/Updates

Table 114. GURLEY Precision Instruments Competitive Strengths & Weaknesses

Table 115. ELAP Basic Information, Manufacturing Base and Competitors

Table 116. ELAP Major Business

Table 117. ELAP Miniature Rotary Encoder Product and Services

Table 118. ELAP Miniature Rotary Encoder Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 119. ELAP Recent Developments/Updates

Table 120. ELAP Competitive Strengths & Weaknesses

- Table 121. POSIC Basic Information, Manufacturing Base and Competitors
- Table 122. POSIC Major Business
- Table 123. POSIC Miniature Rotary Encoder Product and Services
- Table 124. POSIC Miniature Rotary Encoder Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 125. POSIC Recent Developments/Updates
- Table 126. POSIC Competitive Strengths & Weaknesses
- Table 127. POSITAL FRABA Basic Information, Manufacturing Base and Competitors
- Table 128. POSITAL FRABA Major Business
- Table 129. POSITAL FRABA Miniature Rotary Encoder Product and Services
- Table 130. POSITAL FRABA Miniature Rotary Encoder Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 131. POSITAL FRABA Recent Developments/Updates
- Table 132. POSITAL FRABA Competitive Strengths & Weaknesses
- Table 133. ELCIS ENCODER Basic Information, Manufacturing Base and Competitors
- Table 134. ELCIS ENCODER Major Business
- Table 135. ELCIS ENCODER Miniature Rotary Encoder Product and Services
- Table 136. ELCIS ENCODER Miniature Rotary Encoder Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 137. ELCIS ENCODER Recent Developments/Updates
- Table 138. ELCIS ENCODER Competitive Strengths & Weaknesses
- Table 139. Eltra S.p.a. Basic Information, Manufacturing Base and Competitors
- Table 140. Eltra S.p.a. Major Business
- Table 141. Eltra S.p.a. Miniature Rotary Encoder Product and Services
- Table 142. Eltra S.p.a. Miniature Rotary Encoder Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 143. Eltra S.p.a. Recent Developments/Updates
- Table 144. Eltra S.p.a. Competitive Strengths & Weaknesses
- Table 145. US Digital Basic Information, Manufacturing Base and Competitors
- Table 146. US Digital Major Business
- Table 147. US Digital Miniature Rotary Encoder Product and Services
- Table 148. US Digital Miniature Rotary Encoder Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 149. US Digital Recent Developments/Updates
- Table 150. US Digital Competitive Strengths & Weaknesses
- Table 151. Wachendorff Automation GmbH & Co. KG Basic Information, Manufacturing Base and Competitors

Table 152. Wachendorff Automation GmbH & Co. KG Major Business

Table 153. Wachendorff Automation GmbH & Co. KG Miniature Rotary Encoder Product and Services

Table 154. Wachendorff Automation GmbH & Co. KG Miniature Rotary Encoder Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 155. Wachendorff Automation GmbH & Co. KG Recent Developments/Updates

Table 156. Wachendorff Automation GmbH & Co. KG Competitive Strengths & Weaknesses

Table 157. ELGO Electronic Basic Information, Manufacturing Base and Competitors

Table 158. ELGO Electronic Major Business

Table 159. ELGO Electronic Miniature Rotary Encoder Product and Services

Table 160. ELGO Electronic Miniature Rotary Encoder Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 161. ELGO Electronic Recent Developments/Updates

Table 162. ELGO Electronic Competitive Strengths & Weaknesses

Table 163. Leine & Linde Basic Information, Manufacturing Base and Competitors

Table 164. Leine & Linde Major Business

Table 165. Leine & Linde Miniature Rotary Encoder Product and Services

Table 166. Leine & Linde Miniature Rotary Encoder Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 167. Leine & Linde Recent Developments/Updates

Table 168. Leine & Linde Competitive Strengths & Weaknesses

Table 169. Netzer Precision Position Sensors Basic Information, Manufacturing Base and Competitors

Table 170. Netzer Precision Position Sensors Major Business

Table 171. Netzer Precision Position Sensors Miniature Rotary Encoder Product and Services

Table 172. Netzer Precision Position Sensors Miniature Rotary Encoder Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 173. Netzer Precision Position Sensors Recent Developments/Updates

Table 174. Netzer Precision Position Sensors Competitive Strengths & Weaknesses

Table 175. Scancon Basic Information, Manufacturing Base and Competitors

Table 176. Scancon Major Business

Table 177. Scancon Miniature Rotary Encoder Product and Services

Table 178. Scancon Miniature Rotary Encoder Production (K Units), Price (US\$/Unit),

Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 179. Scancon Recent Developments/Updates

Table 180. Scancon Competitive Strengths & Weaknesses

Table 181. AMI Elektronik Basic Information, Manufacturing Base and Competitors

Table 182. AMI Elektronik Major Business

Table 183. AMI Elektronik Miniature Rotary Encoder Product and Services

Table 184. AMI Elektronik Miniature Rotary Encoder Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 185. AMI Elektronik Recent Developments/Updates

Table 186. AMI Elektronik Competitive Strengths & Weaknesses

Table 187. Hohner Elektrotechnik GmbH Basic Information, Manufacturing Base and Competitors

Table 188. Hohner Elektrotechnik GmbH Major Business

Table 189. Hohner Elektrotechnik GmbH Miniature Rotary Encoder Product and Services

Table 190. Hohner Elektrotechnik GmbH Miniature Rotary Encoder Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 191. Hohner Elektrotechnik GmbH Recent Developments/Updates

Table 192. Hohner Elektrotechnik GmbH Competitive Strengths & Weaknesses

Table 193. Celera Motion Basic Information, Manufacturing Base and Competitors

Table 194. Celera Motion Major Business

Table 195. Celera Motion Miniature Rotary Encoder Product and Services

Table 196. Celera Motion Miniature Rotary Encoder Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 197. Celera Motion Recent Developments/Updates

Table 198. Celera Motion Competitive Strengths & Weaknesses

Table 199. Vishan Motor Basic Information, Manufacturing Base and Competitors

Table 200. Vishan Motor Major Business

Table 201. Vishan Motor Miniature Rotary Encoder Product and Services

Table 202. Vishan Motor Miniature Rotary Encoder Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 203. Vishan Motor Recent Developments/Updates

Table 204. Vishan Motor Competitive Strengths & Weaknesses

Table 205. Excitron Corporation Basic Information, Manufacturing Base and Competitors

Table 206. Excitron Corporation Major Business

Table 207. Excitron Corporation Miniature Rotary Encoder Product and Services

Table 208. Excitron Corporation Miniature Rotary Encoder Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 209. Excitron Corporation Recent Developments/Updates

Table 210. Excitron Corporation Competitive Strengths & Weaknesses

Table 211. omron Basic Information, Manufacturing Base and Competitors

Table 212. omron Major Business

Table 213. omron Miniature Rotary Encoder Product and Services

Table 214. omron Miniature Rotary Encoder Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 215. omron Recent Developments/Updates

Table 216. RLS d.o.o Basic Information, Manufacturing Base and Competitors

Table 217. RLS d.o.o Major Business

Table 218. RLS d.o.o Miniature Rotary Encoder Product and Services

Table 219. RLS d.o.o Miniature Rotary Encoder Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 220. Global Key Players of Miniature Rotary Encoder Upstream (Raw Materials)

Table 221. Miniature Rotary Encoder Typical Customers

Table 222. Miniature Rotary Encoder Typical Distributors

List Of Figures

LIST OF FIGURES

- Figure 1. Miniature Rotary Encoder Picture
- Figure 2. World Miniature Rotary Encoder Production Value: 2018 & 2022 & 2029, (USD Million)
- Figure 3. World Miniature Rotary Encoder Production Value and Forecast (2018-2029) & (USD Million)
- Figure 4. World Miniature Rotary Encoder Production (2018-2029) & (K Units)
- Figure 5. World Miniature Rotary Encoder Average Price (2018-2029) & (US\$/Unit)
- Figure 6. World Miniature Rotary Encoder Production Value Market Share by Region (2018-2029)
- Figure 7. World Miniature Rotary Encoder Production Market Share by Region (2018-2029)
- Figure 8. North America Miniature Rotary Encoder Production (2018-2029) & (K Units)
- Figure 9. Europe Miniature Rotary Encoder Production (2018-2029) & (K Units)
- Figure 10. China Miniature Rotary Encoder Production (2018-2029) & (K Units)
- Figure 11. Japan Miniature Rotary Encoder Production (2018-2029) & (K Units)
- Figure 12. South Korea Miniature Rotary Encoder Production (2018-2029) & (K Units)
- Figure 13. Miniature Rotary Encoder Market Drivers
- Figure 14. Factors Affecting Demand
- Figure 15. World Miniature Rotary Encoder Consumption (2018-2029) & (K Units)
- Figure 16. World Miniature Rotary Encoder Consumption Market Share by Region (2018-2029)
- Figure 17. United States Miniature Rotary Encoder Consumption (2018-2029) & (K Units)
- Figure 18. China Miniature Rotary Encoder Consumption (2018-2029) & (K Units)
- Figure 19. Europe Miniature Rotary Encoder Consumption (2018-2029) & (K Units)
- Figure 20. Japan Miniature Rotary Encoder Consumption (2018-2029) & (K Units)
- Figure 21. South Korea Miniature Rotary Encoder Consumption (2018-2029) & (K Units)
- Figure 22. ASEAN Miniature Rotary Encoder Consumption (2018-2029) & (K Units)
- Figure 23. India Miniature Rotary Encoder Consumption (2018-2029) & (K Units)
- Figure 24. Producer Shipments of Miniature Rotary Encoder by Manufacturer Revenue (\$MM) and Market Share (%): 2022
- Figure 25. Global Four-firm Concentration Ratios (CR4) for Miniature Rotary Encoder Markets in 2022
- Figure 26. Global Four-firm Concentration Ratios (CR8) for Miniature Rotary Encoder Markets in 2022

Figure 27. United States VS China: Miniature Rotary Encoder Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: Miniature Rotary Encoder Production Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States VS China: Miniature Rotary Encoder Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 30. United States Based Manufacturers Miniature Rotary Encoder Production Market Share 2022

Figure 31. China Based Manufacturers Miniature Rotary Encoder Production Market Share 2022

Figure 32. Rest of World Based Manufacturers Miniature Rotary Encoder Production Market Share 2022

Figure 33. World Miniature Rotary Encoder Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 34. World Miniature Rotary Encoder Production Value Market Share by Type in 2022

Figure 35. Absolute Value

Figure 36. Incremental

Figure 37. World Miniature Rotary Encoder Production Market Share by Type (2018-2029)

Figure 38. World Miniature Rotary Encoder Production Value Market Share by Type (2018-2029)

Figure 39. World Miniature Rotary Encoder Average Price by Type (2018-2029) & (US\$/Unit)

Figure 40. World Miniature Rotary Encoder Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 41. World Miniature Rotary Encoder Production Value Market Share by Application in 2022

Figure 42. Electronic

Figure 43. Industrial

Figure 44. Aerospace

Figure 45. Other

Figure 46. World Miniature Rotary Encoder Production Market Share by Application (2018-2029)

Figure 47. World Miniature Rotary Encoder Production Value Market Share by Application (2018-2029)

Figure 48. World Miniature Rotary Encoder Average Price by Application (2018-2029) & (US\$/Unit)

Figure 49. Miniature Rotary Encoder Industry Chain

Figure 50. Miniature Rotary Encoder Procurement Model

Figure 51. Miniature Rotary Encoder Sales Model

Figure 52. Miniature Rotary Encoder Sales Channels, Direct Sales, and Distribution

Figure 53. Methodology

Figure 54. Research Process and Data Source

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