+357 96 030922
info@marketpublishers.com

Global Robotic High-precision Absolute Rotary Encoders Market Growth 2026-2032

https://marketpublishers.com/r/GAC4C20B6705EN.html
Date: October 2026
Pages: 134
Price: US$ 3,660.00 (Single User License)
ID: GAC4C20B6705EN

Abstracts

The global Robotic High-precision Absolute Rotary Encoders market size is predicted to grow from US$ 1291 million in 2025 to US$ 2350 million in 2032; it is expected to grow at a CAGR of 8.9% from 2026 to 2032.

In 2025, global Robotic High-precision Absolute Rotary Encoders production reached approximately 6 million units, with an average global market price of around USD 220 per unit.

The gross profit margin of major companies in the industry was approximately 35%–58%.

In 2025, global production capacity of Robotic High-precision Absolute Rotary Encoders was approximately 7.8 million units.

Robotic High-precision Absolute Rotary Encoders measure the unique angular position of robot joints and retain position information after power interruption. Optical, magnetic, inductive, or capacitive sensing technologies may be used to provide high resolution, accuracy, repeatability, and communication reliability. The scope excludes incremental encoders, linear encoders, low-precision potentiometers, standalone torque sensors, complete servo motors, and robot joint modules containing non-separable encoders.

The industrial chain includes upstream optical discs, magnets, sensing chips, bearings, precision shafts, PCBs, signal processors, housings, and communication components. Midstream covers sensing design, precision machining, electronic assembly, firmware development, calibration, environmental testing, and certification. Downstream applications include industrial robots, collaborative robots, humanoid robots, mobile

+357 96 030922
info@marketpublishers.com

robots, medical robots, semiconductor robots, precision automation equipment, and robotic joint actuators.

United States market for Robotic High-precision Absolute Rotary Encoders is estimated to increase from US$ million in 2025 to US$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for Robotic High-precision Absolute Rotary Encoders is estimated to increase from US$ million in 2025 to US$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for Robotic High-precision Absolute Rotary Encoders is estimated to increase from US$ million in 2025 to US$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key Robotic High-precision Absolute Rotary Encoders players cover Dr. Johannes Heidenhain GmbH, Renishaw plc, Tamagawa Seiki Co., Ltd., SICK AG, Baumer Holding AG, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

Report Scope

LP Information, Inc. (LPI) ' newest research report, the “Robotic High-precision Absolute Rotary Encoders Industry Forecast” looks at past sales and reviews total world Robotic High-precision Absolute Rotary Encoders sales in 2025, providing a comprehensive analysis by region and market sector of projected Robotic High-precision Absolute Rotary Encoders sales for 2026 through 2032. With Robotic High-precision Absolute Rotary Encoders sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US$ millions of the world Robotic High-precision Absolute Rotary Encoders industry.

This Insight Report provides a comprehensive analysis of the global Robotic High-precision Absolute Rotary Encoders landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Robotic High-precision Absolute Rotary Encoders portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms’ unique position in an accelerating global Robotic High-precision Absolute Rotary Encoders market.

+357 96 030922
info@marketpublishers.com

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Robotic High-precision Absolute Rotary Encoders and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Robotic High-precision Absolute Rotary Encoders.

This report presents a comprehensive overview, market shares, and growth opportunities of Robotic High-precision Absolute Rotary Encoders market by product type, application, key manufacturers and key regions and countries.

Market Segmentation

Segmentation by Type:

Optical Absolute Encoders

Magnetic Absolute Encoders

Inductive and Capacitive Absolute Encoders

Segmentation by Mechanical Configuration:

Shafted Encoders

Hollow-shaft Encoders

Kit and Ring Encoders

Segmentation by Single-turn Resolution:

Standard-resolution??17 Bit?

High-resolution??17–22 Bit?

+357 96 030922
info@marketpublishers.com

Ultra-high-resolution??22 Bit?

Segmentation by Application:

Industrial Robots

Collaborative Robots

Humanoid and Service Robots

Other

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

+357 96 030922
info@marketpublishers.com

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Dr. Johannes Heidenhain GmbH

Renishaw plc

Tamagawa Seiki Co., Ltd.

SICK AG

+357 96 030922
info@marketpublishers.com

Baumer Holding AG

K?bler Group

Hengstler GmbH

FRABA B.V.

Netzer Precision Position Sensors A.C.S. Ltd.

Novanta Inc.

Lika Electronic S.r.l.

BOGEN Magnetics GmbH

Changchun Yuheng Optics Co., Ltd.

Shenzhen Mosrac Motor Co., Ltd.

Shenzhen BriterEncoder Technology Co., Ltd.

Shanghai Hengxiang Optical Electronic Co., Ltd.

Changchun Rongde Optics Co., Ltd.

Key Questions Addressed in this Report

What is the 10-year outlook for the global Robotic High-precision Absolute Rotary Encoders market?

What factors are driving Robotic High-precision Absolute Rotary Encoders market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

+357 96 030922
info@marketpublishers.com

How do Robotic High-precision Absolute Rotary Encoders market opportunities vary by end market size?

How does Robotic High-precision Absolute Rotary Encoders break out by Type, by Application?

+357 96 030922
info@marketpublishers.com

Contents

1 SCOPE OF THE REPORT

1.1 Market Introduction
1.2 Years Considered
1.3 Research Objectives
1.4 Market Research Methodology
1.5 Research Process and Data Source
1.6 Economic Indicators
1.7 Currency Considered
1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

2.1 World Market Overview
  2.1.1 Global Robotic High-precision Absolute Rotary Encoders Annual Sales 2021-2032
  2.1.2 World Current & Future Analysis for Robotic High-precision Absolute Rotary Encoders by Geographic Region, 2021, 2025 & 2032
  2.1.3 World Current & Future Analysis for Robotic High-precision Absolute Rotary Encoders by Country/Region, 2021, 2025 & 2032
2.2 Robotic High-precision Absolute Rotary Encoders Segment by Type
  2.2.1 Optical Absolute Encoders
  2.2.2 Magnetic Absolute Encoders
  2.2.3 Inductive and Capacitive Absolute Encoders
  2.2.4 Robotic High-precision Absolute Rotary Encoders Sales by Type
    2.2.4.1 Global Robotic High-precision Absolute Rotary Encoders Sales Market Share by Type (2021-2026)
    2.2.4.2 Global Robotic High-precision Absolute Rotary Encoders Revenue and Market Share by Type (2021-2026)
    2.2.4.3 Global Robotic High-precision Absolute Rotary Encoders Sale Price by Type (2021-2026)
2.3 Robotic High-precision Absolute Rotary Encoders Segment by Mechanical Configuration
  2.3.1 Shafted Encoders
  2.3.2 Hollow-shaft Encoders
  2.3.3 Kit and Ring Encoders
  2.3.4 Robotic High-precision Absolute Rotary Encoders Sales by Mechanical

+357 96 030922
info@marketpublishers.com

Configuration
2.3.4.1 Global Robotic High-precision Absolute Rotary Encoders Sales Market Share by Mechanical Configuration (2021-2026)
2.3.4.2 Global Robotic High-precision Absolute Rotary Encoders Revenue and Market Share by Mechanical Configuration (2021-2026)
2.3.4.3 Global Robotic High-precision Absolute Rotary Encoders Sale Price by Mechanical Configuration (2021-2026)
2.4 Robotic High-precision Absolute Rotary Encoders Segment by Single-turn Resolution
2.4.1 Standard-resolution??17 Bit?
2.4.2 High-resolution??17–22 Bit?
2.4.3 Ultra-high-resolution??22 Bit?
2.4.4 Robotic High-precision Absolute Rotary Encoders Sales by Single-turn Resolution
2.4.4.1 Global Robotic High-precision Absolute Rotary Encoders Sales Market Share by Single-turn Resolution (2021-2026)
2.4.4.2 Global Robotic High-precision Absolute Rotary Encoders Revenue and Market Share by Single-turn Resolution (2021-2026)
2.4.4.3 Global Robotic High-precision Absolute Rotary Encoders Sale Price by Single-turn Resolution (2021-2026)
2.5 Robotic High-precision Absolute Rotary Encoders Segment by Application
2.5.1 Industrial Robots
2.5.2 Collaborative Robots
2.5.3 Humanoid and Service Robots
2.5.4 Other
2.5.5 Robotic High-precision Absolute Rotary Encoders Sales by Application
2.5.5.1 Global Robotic High-precision Absolute Rotary Encoders Sale Market Share by Application (2021-2026)
2.5.5.2 Global Robotic High-precision Absolute Rotary Encoders Revenue and Market Share by Application (2021-2026)
2.5.5.3 Global Robotic High-precision Absolute Rotary Encoders Sale Price by Application (2021-2026)

3 GLOBAL BY COMPANY

3.1 Global Robotic High-precision Absolute Rotary Encoders Breakdown Data by Company
3.1.1 Global Robotic High-precision Absolute Rotary Encoders Annual Sales by Company (2021-2026)

+357 96 030922
info@marketpublishers.com

3.1.2 Global Robotic High-precision Absolute Rotary Encoders Sales Market Share by Company (2021-2026)
3.2 Global Robotic High-precision Absolute Rotary Encoders Annual Revenue by Company (2021-2026)
3.2.1 Global Robotic High-precision Absolute Rotary Encoders Revenue by Company (2021-2026)
3.2.2 Global Robotic High-precision Absolute Rotary Encoders Revenue Market Share by Company (2021-2026)
3.3 Global Robotic High-precision Absolute Rotary Encoders Sale Price by Company
3.4 Key Manufacturers Robotic High-precision Absolute Rotary Encoders Producing Area Distribution, Sales Area, Product Type
3.4.1 Key Manufacturers Robotic High-precision Absolute Rotary Encoders Product Location Distribution
3.4.2 Players Robotic High-precision Absolute Rotary Encoders Products Offered
3.5 Market Concentration Rate Analysis
3.5.1 Competition Landscape Analysis
3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)
3.6 New Products and Potential Entrants
3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR ROBOTIC HIGH-PRECISION ABSOLUTE ROTARY ENCODERS BY GEOGRAPHIC REGION

4.1 World Historic Robotic High-precision Absolute Rotary Encoders Market Size by Geographic Region (2021-2026)
4.1.1 Global Robotic High-precision Absolute Rotary Encoders Annual Sales by Geographic Region (2021-2026)
4.1.2 Global Robotic High-precision Absolute Rotary Encoders Annual Revenue by Geographic Region (2021-2026)
4.2 World Historic Robotic High-precision Absolute Rotary Encoders Market Size by Country/Region (2021-2026)
4.2.1 Global Robotic High-precision Absolute Rotary Encoders Annual Sales by Country/Region (2021-2026)
4.2.2 Global Robotic High-precision Absolute Rotary Encoders Annual Revenue by Country/Region (2021-2026)
4.3 Americas Robotic High-precision Absolute Rotary Encoders Sales Growth
4.4 APAC Robotic High-precision Absolute Rotary Encoders Sales Growth
4.5 Europe Robotic High-precision Absolute Rotary Encoders Sales Growth
4.6 Middle East & Africa Robotic High-precision Absolute Rotary Encoders Sales

+357 96 030922
info@marketpublishers.com

Growth

5 AMERICAS

5.1 Americas Robotic High-precision Absolute Rotary Encoders Sales by Country
5.1.1 Americas Robotic High-precision Absolute Rotary Encoders Sales by Country (2021-2026)
5.1.2 Americas Robotic High-precision Absolute Rotary Encoders Revenue by Country (2021-2026)
5.2 Americas Robotic High-precision Absolute Rotary Encoders Sales by Type (2021-2026)
5.3 Americas Robotic High-precision Absolute Rotary Encoders Sales by Application (2021-2026)
5.4 United States
5.5 Canada
5.6 Mexico
5.7 Brazil

6 APAC

6.1 APAC Robotic High-precision Absolute Rotary Encoders Sales by Region
6.1.1 APAC Robotic High-precision Absolute Rotary Encoders Sales by Region (2021-2026)
6.1.2 APAC Robotic High-precision Absolute Rotary Encoders Revenue by Region (2021-2026)
6.2 APAC Robotic High-precision Absolute Rotary Encoders Sales by Type (2021-2026)
6.3 APAC Robotic High-precision Absolute Rotary Encoders Sales by Application (2021-2026)
6.4 China
6.5 Japan
6.6 South Korea
6.7 Southeast Asia
6.8 India
6.9 Australia
6.10 China Taiwan

7 EUROPE

7.1 Europe Robotic High-precision Absolute Rotary Encoders by Country

+357 96 030922
info@marketpublishers.com

7.1.1 Europe Robotic High-precision Absolute Rotary Encoders Sales by Country (2021-2026)
7.1.2 Europe Robotic High-precision Absolute Rotary Encoders Revenue by Country (2021-2026)
7.2 Europe Robotic High-precision Absolute Rotary Encoders Sales by Type (2021-2026)
7.3 Europe Robotic High-precision Absolute Rotary Encoders Sales by Application (2021-2026)
7.4 Germany
7.5 France
7.6 UK
7.7 Italy
7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Robotic High-precision Absolute Rotary Encoders by Country
8.1.1 Middle East & Africa Robotic High-precision Absolute Rotary Encoders Sales by Country (2021-2026)
8.1.2 Middle East & Africa Robotic High-precision Absolute Rotary Encoders Revenue by Country (2021-2026)
8.2 Middle East & Africa Robotic High-precision Absolute Rotary Encoders Sales by Type (2021-2026)
8.3 Middle East & Africa Robotic High-precision Absolute Rotary Encoders Sales by Application (2021-2026)
8.4 Egypt
8.5 South Africa
8.6 Israel
8.7 Turkey
8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities
9.2 Market Challenges & Risks
9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

+357 96 030922
info@marketpublishers.com

10.1 Raw Material and Suppliers
10.2 Manufacturing Cost Structure Analysis of Robotic High-precision Absolute Rotary Encoders
10.3 Manufacturing Process Analysis of Robotic High-precision Absolute Rotary Encoders
10.4 Industry Chain Structure of Robotic High-precision Absolute Rotary Encoders

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel
  11.1.1 Direct Channels
  11.1.2 Indirect Channels
11.2 Robotic High-precision Absolute Rotary Encoders Distributors
11.3 Robotic High-precision Absolute Rotary Encoders Customer

12 WORLD FORECAST REVIEW FOR ROBOTIC HIGH-PRECISION ABSOLUTE ROTARY ENCODERS BY GEOGRAPHIC REGION

12.1 Global Robotic High-precision Absolute Rotary Encoders Market Size Forecast by Region
  12.1.1 Global Robotic High-precision Absolute Rotary Encoders Forecast by Region (2027-2032)
  12.1.2 Global Robotic High-precision Absolute Rotary Encoders Annual Revenue Forecast by Region (2027-2032)
12.2 Americas Forecast by Country (2027-2032)
12.3 APAC Forecast by Region (2027-2032)
12.4 Europe Forecast by Country (2027-2032)
12.5 Middle East & Africa Forecast by Country (2027-2032)
12.6 Global Robotic High-precision Absolute Rotary Encoders Forecast by Type (2027-2032)
12.7 Global Robotic High-precision Absolute Rotary Encoders Forecast by Application (2027-2032)

13 KEY PLAYERS ANALYSIS

13.1 Dr. Johannes Heidenhain GmbH
  13.1.1 Dr. Johannes Heidenhain GmbH Company Information
  13.1.2 Dr. Johannes Heidenhain GmbH Robotic High-precision Absolute Rotary Encoders Product Portfolios and Specifications

+357 96 030922
info@marketpublishers.com

13.1.3 Dr. Johannes Heidenhain GmbH Robotic High-precision Absolute Rotary Encoders Sales, Revenue, Price and Gross Margin (2021-2026)
13.1.4 Dr. Johannes Heidenhain GmbH Main Business Overview
13.1.5 Dr. Johannes Heidenhain GmbH Latest Developments
13.2 Renishaw plc
13.2.1 Renishaw plc Company Information
13.2.2 Renishaw plc Robotic High-precision Absolute Rotary Encoders Product Portfolios and Specifications
13.2.3 Renishaw plc Robotic High-precision Absolute Rotary Encoders Sales, Revenue, Price and Gross Margin (2021-2026)
13.2.4 Renishaw plc Main Business Overview
13.2.5 Renishaw plc Latest Developments
13.3 Tamagawa Seiki Co., Ltd.
13.3.1 Tamagawa Seiki Co., Ltd. Company Information
13.3.2 Tamagawa Seiki Co., Ltd. Robotic High-precision Absolute Rotary Encoders Product Portfolios and Specifications
13.3.3 Tamagawa Seiki Co., Ltd. Robotic High-precision Absolute Rotary Encoders Sales, Revenue, Price and Gross Margin (2021-2026)
13.3.4 Tamagawa Seiki Co., Ltd. Main Business Overview
13.3.5 Tamagawa Seiki Co., Ltd. Latest Developments
13.4 SICK AG
13.4.1 SICK AG Company Information
13.4.2 SICK AG Robotic High-precision Absolute Rotary Encoders Product Portfolios and Specifications
13.4.3 SICK AG Robotic High-precision Absolute Rotary Encoders Sales, Revenue, Price and Gross Margin (2021-2026)
13.4.4 SICK AG Main Business Overview
13.4.5 SICK AG Latest Developments
13.5 Baumer Holding AG
13.5.1 Baumer Holding AG Company Information
13.5.2 Baumer Holding AG Robotic High-precision Absolute Rotary Encoders Product Portfolios and Specifications
13.5.3 Baumer Holding AG Robotic High-precision Absolute Rotary Encoders Sales, Revenue, Price and Gross Margin (2021-2026)
13.5.4 Baumer Holding AG Main Business Overview
13.5.5 Baumer Holding AG Latest Developments
13.6 K?bler Group
13.6.1 K?bler Group Company Information
13.6.2 K?bler Group Robotic High-precision Absolute Rotary Encoders Product

+357 96 030922
info@marketpublishers.com

Portfolios and Specifications
13.6.3 K?bler Group Robotic High-precision Absolute Rotary Encoders Sales, Revenue, Price and Gross Margin (2021-2026)
13.6.4 K?bler Group Main Business Overview
13.6.5 K?bler Group Latest Developments
13.7 Hengstler GmbH
13.7.1 Hengstler GmbH Company Information
13.7.2 Hengstler GmbH Robotic High-precision Absolute Rotary Encoders Product Portfolios and Specifications
13.7.3 Hengstler GmbH Robotic High-precision Absolute Rotary Encoders Sales, Revenue, Price and Gross Margin (2021-2026)
13.7.4 Hengstler GmbH Main Business Overview
13.7.5 Hengstler GmbH Latest Developments
13.8 FRABA B.V.
13.8.1 FRABA B.V. Company Information
13.8.2 FRABA B.V. Robotic High-precision Absolute Rotary Encoders Product Portfolios and Specifications
13.8.3 FRABA B.V. Robotic High-precision Absolute Rotary Encoders Sales, Revenue, Price and Gross Margin (2021-2026)
13.8.4 FRABA B.V. Main Business Overview
13.8.5 FRABA B.V. Latest Developments
13.9 Netzer Precision Position Sensors A.C.S. Ltd.
13.9.1 Netzer Precision Position Sensors A.C.S. Ltd. Company Information
13.9.2 Netzer Precision Position Sensors A.C.S. Ltd. Robotic High-precision Absolute Rotary Encoders Product Portfolios and Specifications
13.9.3 Netzer Precision Position Sensors A.C.S. Ltd. Robotic High-precision Absolute Rotary Encoders Sales, Revenue, Price and Gross Margin (2021-2026)
13.9.4 Netzer Precision Position Sensors A.C.S. Ltd. Main Business Overview
13.9.5 Netzer Precision Position Sensors A.C.S. Ltd. Latest Developments
13.10 Novanta Inc.
13.10.1 Novanta Inc. Company Information
13.10.2 Novanta Inc. Robotic High-precision Absolute Rotary Encoders Product Portfolios and Specifications
13.10.3 Novanta Inc. Robotic High-precision Absolute Rotary Encoders Sales, Revenue, Price and Gross Margin (2021-2026)
13.10.4 Novanta Inc. Main Business Overview
13.10.5 Novanta Inc. Latest Developments
13.11 Lika Electronic S.r.l.
13.11.1 Lika Electronic S.r.l. Company Information

+357 96 030922
info@marketpublishers.com

13.11.2 Lika Electronic S.r.l. Robotic High-precision Absolute Rotary Encoders Product Portfolios and Specifications
13.11.3 Lika Electronic S.r.l. Robotic High-precision Absolute Rotary Encoders Sales, Revenue, Price and Gross Margin (2021-2026)
13.11.4 Lika Electronic S.r.l. Main Business Overview
13.11.5 Lika Electronic S.r.l. Latest Developments
13.12 BOGEN Magnetics GmbH
13.12.1 BOGEN Magnetics GmbH Company Information
13.12.2 BOGEN Magnetics GmbH Robotic High-precision Absolute Rotary Encoders Product Portfolios and Specifications
13.12.3 BOGEN Magnetics GmbH Robotic High-precision Absolute Rotary Encoders Sales, Revenue, Price and Gross Margin (2021-2026)
13.12.4 BOGEN Magnetics GmbH Main Business Overview
13.12.5 BOGEN Magnetics GmbH Latest Developments
13.13 Changchun Yuheng Optics Co., Ltd.
13.13.1 Changchun Yuheng Optics Co., Ltd. Company Information
13.13.2 Changchun Yuheng Optics Co., Ltd. Robotic High-precision Absolute Rotary Encoders Product Portfolios and Specifications
13.13.3 Changchun Yuheng Optics Co., Ltd. Robotic High-precision Absolute Rotary Encoders Sales, Revenue, Price and Gross Margin (2021-2026)
13.13.4 Changchun Yuheng Optics Co., Ltd. Main Business Overview
13.13.5 Changchun Yuheng Optics Co., Ltd. Latest Developments
13.14 Shenzhen Mosrac Motor Co., Ltd.
13.14.1 Shenzhen Mosrac Motor Co., Ltd. Company Information
13.14.2 Shenzhen Mosrac Motor Co., Ltd. Robotic High-precision Absolute Rotary Encoders Product Portfolios and Specifications
13.14.3 Shenzhen Mosrac Motor Co., Ltd. Robotic High-precision Absolute Rotary Encoders Sales, Revenue, Price and Gross Margin (2021-2026)
13.14.4 Shenzhen Mosrac Motor Co., Ltd. Main Business Overview
13.14.5 Shenzhen Mosrac Motor Co., Ltd. Latest Developments
13.15 Shenzhen BriterEncoder Technology Co., Ltd.
13.15.1 Shenzhen BriterEncoder Technology Co., Ltd. Company Information
13.15.2 Shenzhen BriterEncoder Technology Co., Ltd. Robotic High-precision Absolute Rotary Encoders Product Portfolios and Specifications
13.15.3 Shenzhen BriterEncoder Technology Co., Ltd. Robotic High-precision Absolute Rotary Encoders Sales, Revenue, Price and Gross Margin (2021-2026)
13.15.4 Shenzhen BriterEncoder Technology Co., Ltd. Main Business Overview
13.15.5 Shenzhen BriterEncoder Technology Co., Ltd. Latest Developments
13.16 Shanghai Hengxiang Optical Electronic Co., Ltd.

+357 96 030922
info@marketpublishers.com

13.16.1 Shanghai Hengxiang Optical Electronic Co., Ltd. Company Information
13.16.2 Shanghai Hengxiang Optical Electronic Co., Ltd. Robotic High-precision Absolute Rotary Encoders Product Portfolios and Specifications
13.16.3 Shanghai Hengxiang Optical Electronic Co., Ltd. Robotic High-precision Absolute Rotary Encoders Sales, Revenue, Price and Gross Margin (2021-2026)
13.16.4 Shanghai Hengxiang Optical Electronic Co., Ltd. Main Business Overview
13.16.5 Shanghai Hengxiang Optical Electronic Co., Ltd. Latest Developments
13.17 Changchun Rongde Optics Co., Ltd.
13.17.1 Changchun Rongde Optics Co., Ltd. Company Information
13.17.2 Changchun Rongde Optics Co., Ltd. Robotic High-precision Absolute Rotary Encoders Product Portfolios and Specifications
13.17.3 Changchun Rongde Optics Co., Ltd. Robotic High-precision Absolute Rotary Encoders Sales, Revenue, Price and Gross Margin (2021-2026)
13.17.4 Changchun Rongde Optics Co., Ltd. Main Business Overview
13.17.5 Changchun Rongde Optics Co., Ltd. Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

Table 1. Robotic High-precision Absolute Rotary Encoders Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & ($ millions)
Table 2. Robotic High-precision Absolute Rotary Encoders Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & ($ millions)
Table 3. Major Players of Optical Absolute Encoders
Table 4. Major Players of Magnetic Absolute Encoders
Table 5. Major Players of Inductive and Capacitive Absolute Encoders
Table 6. Global Robotic High-precision Absolute Rotary Encoders Sales by Type (2021-2026) & (K Units)
Table 7. Global Robotic High-precision Absolute Rotary Encoders Sales Market Share by Type (2021-2026)
Table 8. Global Robotic High-precision Absolute Rotary Encoders Revenue by Type (2021-2026) & ($ million)
Table 9. Global Robotic High-precision Absolute Rotary Encoders Revenue Market Share by Type (2021-2026)
Table 10. Global Robotic High-precision Absolute Rotary Encoders Sale Price by Type (2021-2026) & (US$/Unit)
Table 11. Major Players of Shafted Encoders
Table 12. Major Players of Hollow-shaft Encoders
Table 13. Major Players of Kit and Ring Encoders
Table 14. Global Robotic High-precision Absolute Rotary Encoders Sales by Mechanical Configuration (2021-2026) & (K Units)
Table 15. Global Robotic High-precision Absolute Rotary Encoders Sales Market Share by Mechanical Configuration (2021-2026)
Table 16. Global Robotic High-precision Absolute Rotary Encoders Revenue by Mechanical Configuration (2021-2026) & ($ million)
Table 17. Global Robotic High-precision Absolute Rotary Encoders Revenue Market Share by Mechanical Configuration (2021-2026)
Table 18. Global Robotic High-precision Absolute Rotary Encoders Sale Price by Mechanical Configuration (2021-2026) & (US$/Unit)
Table 19. Major Players of Standard-resolution??17 Bit?
Table 20. Major Players of High-resolution??17–22 Bit?
Table 21. Major Players of Ultra-high-resolution??22 Bit?
Table 22. Global Robotic High-precision Absolute Rotary Encoders Sales by Single-turn Resolution (2021-2026) & (K Units)

+357 96 030922
info@marketpublishers.com

Table 23. Global Robotic High-precision Absolute Rotary Encoders Sales Market Share by Single-turn Resolution (2021-2026)
Table 24. Global Robotic High-precision Absolute Rotary Encoders Revenue by Single-turn Resolution (2021-2026) & ($ million)
Table 25. Global Robotic High-precision Absolute Rotary Encoders Revenue Market Share by Single-turn Resolution (2021-2026)
Table 26. Global Robotic High-precision Absolute Rotary Encoders Sale Price by Single-turn Resolution (2021-2026) & (US$/Unit)
Table 27. Global Robotic High-precision Absolute Rotary Encoders Sale by Application (2021-2026) & (K Units)
Table 28. Global Robotic High-precision Absolute Rotary Encoders Sale Market Share by Application (2021-2026)
Table 29. Global Robotic High-precision Absolute Rotary Encoders Revenue by Application (2021-2026) & ($ million)
Table 30. Global Robotic High-precision Absolute Rotary Encoders Revenue Market Share by Application (2021-2026)
Table 31. Global Robotic High-precision Absolute Rotary Encoders Sale Price by Application (2021-2026) & (US$/Unit)
Table 32. Global Robotic High-precision Absolute Rotary Encoders Sales by Company (2021-2026) & (K Units)
Table 33. Global Robotic High-precision Absolute Rotary Encoders Sales Market Share by Company (2021-2026)
Table 34. Global Robotic High-precision Absolute Rotary Encoders Revenue by Company (2021-2026) & ($ millions)
Table 35. Global Robotic High-precision Absolute Rotary Encoders Revenue Market Share by Company (2021-2026)
Table 36. Global Robotic High-precision Absolute Rotary Encoders Sale Price by Company (2021-2026) & (US$/Unit)
Table 37. Key Manufacturers Robotic High-precision Absolute Rotary Encoders Producing Area Distribution and Sales Area
Table 38. Players Robotic High-precision Absolute Rotary Encoders Products Offered
Table 39. Robotic High-precision Absolute Rotary Encoders Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)
Table 40. New Products and Potential Entrants
Table 41. Market M&A Activity & Strategy
Table 42. Global Robotic High-precision Absolute Rotary Encoders Sales by Geographic Region (2021-2026) & (K Units)
Table 43. Global Robotic High-precision Absolute Rotary Encoders Sales Market Share Geographic Region (2021-2026)

+357 96 030922
info@marketpublishers.com

Table 44. Global Robotic High-precision Absolute Rotary Encoders Revenue by Geographic Region (2021-2026) & ($ millions)
Table 45. Global Robotic High-precision Absolute Rotary Encoders Revenue Market Share by Geographic Region (2021-2026)
Table 46. Global Robotic High-precision Absolute Rotary Encoders Sales by Country/Region (2021-2026) & (K Units)
Table 47. Global Robotic High-precision Absolute Rotary Encoders Sales Market Share by Country/Region (2021-2026)
Table 48. Global Robotic High-precision Absolute Rotary Encoders Revenue by Country/Region (2021-2026) & ($ millions)
Table 49. Global Robotic High-precision Absolute Rotary Encoders Revenue Market Share by Country/Region (2021-2026)
Table 50. Americas Robotic High-precision Absolute Rotary Encoders Sales by Country (2021-2026) & (K Units)
Table 51. Americas Robotic High-precision Absolute Rotary Encoders Sales Market Share by Country (2021-2026)
Table 52. Americas Robotic High-precision Absolute Rotary Encoders Revenue by Country (2021-2026) & ($ millions)
Table 53. Americas Robotic High-precision Absolute Rotary Encoders Sales by Type (2021-2026) & (K Units)
Table 54. Americas Robotic High-precision Absolute Rotary Encoders Sales by Application (2021-2026) & (K Units)
Table 55. APAC Robotic High-precision Absolute Rotary Encoders Sales by Region (2021-2026) & (K Units)
Table 56. APAC Robotic High-precision Absolute Rotary Encoders Sales Market Share by Region (2021-2026)
Table 57. APAC Robotic High-precision Absolute Rotary Encoders Revenue by Region (2021-2026) & ($ millions)
Table 58. APAC Robotic High-precision Absolute Rotary Encoders Sales by Type (2021-2026) & (K Units)
Table 59. APAC Robotic High-precision Absolute Rotary Encoders Sales by Application (2021-2026) & (K Units)
Table 60. Europe Robotic High-precision Absolute Rotary Encoders Sales by Country (2021-2026) & (K Units)
Table 61. Europe Robotic High-precision Absolute Rotary Encoders Revenue by Country (2021-2026) & ($ millions)
Table 62. Europe Robotic High-precision Absolute Rotary Encoders Sales by Type (2021-2026) & (K Units)
Table 63. Europe Robotic High-precision Absolute Rotary Encoders Sales by

+357 96 030922
info@marketpublishers.com

Application (2021-2026) & (K Units)
Table 64. Middle East & Africa Robotic High-precision Absolute Rotary Encoders Sales by Country (2021-2026) & (K Units)
Table 65. Middle East & Africa Robotic High-precision Absolute Rotary Encoders Revenue Market Share by Country (2021-2026)
Table 66. Middle East & Africa Robotic High-precision Absolute Rotary Encoders Sales by Type (2021-2026) & (K Units)
Table 67. Middle East & Africa Robotic High-precision Absolute Rotary Encoders Sales by Application (2021-2026) & (K Units)
Table 68. Key Market Drivers & Growth Opportunities of Robotic High-precision Absolute Rotary Encoders
Table 69. Key Market Challenges & Risks of Robotic High-precision Absolute Rotary Encoders
Table 70. Key Industry Trends of Robotic High-precision Absolute Rotary Encoders
Table 71. Robotic High-precision Absolute Rotary Encoders Raw Material
Table 72. Key Suppliers of Raw Materials
Table 73. Robotic High-precision Absolute Rotary Encoders Distributors List
Table 74. Robotic High-precision Absolute Rotary Encoders Customer List
Table 75. Global Robotic High-precision Absolute Rotary Encoders Sales Forecast by Region (2027-2032) & (K Units)
Table 76. Global Robotic High-precision Absolute Rotary Encoders Revenue Forecast by Region (2027-2032) & ($ millions)
Table 77. Americas Robotic High-precision Absolute Rotary Encoders Sales Forecast by Country (2027-2032) & (K Units)
Table 78. Americas Robotic High-precision Absolute Rotary Encoders Annual Revenue Forecast by Country (2027-2032) & ($ millions)
Table 79. APAC Robotic High-precision Absolute Rotary Encoders Sales Forecast by Region (2027-2032) & (K Units)
Table 80. APAC Robotic High-precision Absolute Rotary Encoders Annual Revenue Forecast by Region (2027-2032) & ($ millions)
Table 81. Europe Robotic High-precision Absolute Rotary Encoders Sales Forecast by Country (2027-2032) & (K Units)
Table 82. Europe Robotic High-precision Absolute Rotary Encoders Revenue Forecast by Country (2027-2032) & ($ millions)
Table 83. Middle East & Africa Robotic High-precision Absolute Rotary Encoders Sales Forecast by Country (2027-2032) & (K Units)
Table 84. Middle East & Africa Robotic High-precision Absolute Rotary Encoders Revenue Forecast by Country (2027-2032) & ($ millions)
Table 85. Global Robotic High-precision Absolute Rotary Encoders Sales Forecast by

+357 96 030922
info@marketpublishers.com

Type (2027-2032) & (K Units)
Table 86. Global Robotic High-precision Absolute Rotary Encoders Revenue Forecast by Type (2027-2032) & ($ millions)
Table 87. Global Robotic High-precision Absolute Rotary Encoders Sales Forecast by Application (2027-2032) & (K Units)
Table 88. Global Robotic High-precision Absolute Rotary Encoders Revenue Forecast by Application (2027-2032) & ($ millions)
Table 89. Dr. Johannes Heidenhain GmbH Basic Information, Robotic High-precision Absolute Rotary Encoders Manufacturing Base, Sales Area and Its Competitors
Table 90. Dr. Johannes Heidenhain GmbH Robotic High-precision Absolute Rotary Encoders Product Portfolios and Specifications
Table 91. Dr. Johannes Heidenhain GmbH Robotic High-precision Absolute Rotary Encoders Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 92. Dr. Johannes Heidenhain GmbH Main Business
Table 93. Dr. Johannes Heidenhain GmbH Latest Developments
Table 94. Renishaw plc Basic Information, Robotic High-precision Absolute Rotary Encoders Manufacturing Base, Sales Area and Its Competitors
Table 95. Renishaw plc Robotic High-precision Absolute Rotary Encoders Product Portfolios and Specifications
Table 96. Renishaw plc Robotic High-precision Absolute Rotary Encoders Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 97. Renishaw plc Main Business
Table 98. Renishaw plc Latest Developments
Table 99. Tamagawa Seiki Co., Ltd. Basic Information, Robotic High-precision Absolute Rotary Encoders Manufacturing Base, Sales Area and Its Competitors
Table 100. Tamagawa Seiki Co., Ltd. Robotic High-precision Absolute Rotary Encoders Product Portfolios and Specifications
Table 101. Tamagawa Seiki Co., Ltd. Robotic High-precision Absolute Rotary Encoders Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 102. Tamagawa Seiki Co., Ltd. Main Business
Table 103. Tamagawa Seiki Co., Ltd. Latest Developments
Table 104. SICK AG Basic Information, Robotic High-precision Absolute Rotary Encoders Manufacturing Base, Sales Area and Its Competitors
Table 105. SICK AG Robotic High-precision Absolute Rotary Encoders Product Portfolios and Specifications
Table 106. SICK AG Robotic High-precision Absolute Rotary Encoders Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 107. SICK AG Main Business

+357 96 030922
info@marketpublishers.com

Table 108. SICK AG Latest Developments
Table 109. Baumer Holding AG Basic Information, Robotic High-precision Absolute Rotary Encoders Manufacturing Base, Sales Area and Its Competitors
Table 110. Baumer Holding AG Robotic High-precision Absolute Rotary Encoders Product Portfolios and Specifications
Table 111. Baumer Holding AG Robotic High-precision Absolute Rotary Encoders Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 112. Baumer Holding AG Main Business
Table 113. Baumer Holding AG Latest Developments
Table 114. K?bler Group Basic Information, Robotic High-precision Absolute Rotary Encoders Manufacturing Base, Sales Area and Its Competitors
Table 115. K?bler Group Robotic High-precision Absolute Rotary Encoders Product Portfolios and Specifications
Table 116. K?bler Group Robotic High-precision Absolute Rotary Encoders Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 117. K?bler Group Main Business
Table 118. K?bler Group Latest Developments
Table 119. Hengstler GmbH Basic Information, Robotic High-precision Absolute Rotary Encoders Manufacturing Base, Sales Area and Its Competitors
Table 120. Hengstler GmbH Robotic High-precision Absolute Rotary Encoders Product Portfolios and Specifications
Table 121. Hengstler GmbH Robotic High-precision Absolute Rotary Encoders Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 122. Hengstler GmbH Main Business
Table 123. Hengstler GmbH Latest Developments
Table 124. FRABA B.V. Basic Information, Robotic High-precision Absolute Rotary Encoders Manufacturing Base, Sales Area and Its Competitors
Table 125. FRABA B.V. Robotic High-precision Absolute Rotary Encoders Product Portfolios and Specifications
Table 126. FRABA B.V. Robotic High-precision Absolute Rotary Encoders Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 127. FRABA B.V. Main Business
Table 128. FRABA B.V. Latest Developments
Table 129. Netzer Precision Position Sensors A.C.S. Ltd. Basic Information, Robotic High-precision Absolute Rotary Encoders Manufacturing Base, Sales Area and Its Competitors
Table 130. Netzer Precision Position Sensors A.C.S. Ltd. Robotic High-precision Absolute Rotary Encoders Product Portfolios and Specifications
Table 131. Netzer Precision Position Sensors A.C.S. Ltd. Robotic High-precision

+357 96 030922
info@marketpublishers.com

Absolute Rotary Encoders Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 132. Netzer Precision Position Sensors A.C.S. Ltd. Main Business
Table 133. Netzer Precision Position Sensors A.C.S. Ltd. Latest Developments
Table 134. Novanta Inc. Basic Information, Robotic High-precision Absolute Rotary Encoders Manufacturing Base, Sales Area and Its Competitors
Table 135. Novanta Inc. Robotic High-precision Absolute Rotary Encoders Product Portfolios and Specifications
Table 136. Novanta Inc. Robotic High-precision Absolute Rotary Encoders Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 137. Novanta Inc. Main Business
Table 138. Novanta Inc. Latest Developments
Table 139. Lika Electronic S.r.l. Basic Information, Robotic High-precision Absolute Rotary Encoders Manufacturing Base, Sales Area and Its Competitors
Table 140. Lika Electronic S.r.l. Robotic High-precision Absolute Rotary Encoders Product Portfolios and Specifications
Table 141. Lika Electronic S.r.l. Robotic High-precision Absolute Rotary Encoders Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 142. Lika Electronic S.r.l. Main Business
Table 143. Lika Electronic S.r.l. Latest Developments
Table 144. BOGEN Magnetics GmbH Basic Information, Robotic High-precision Absolute Rotary Encoders Manufacturing Base, Sales Area and Its Competitors
Table 145. BOGEN Magnetics GmbH Robotic High-precision Absolute Rotary Encoders Product Portfolios and Specifications
Table 146. BOGEN Magnetics GmbH Robotic High-precision Absolute Rotary Encoders Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 147. BOGEN Magnetics GmbH Main Business
Table 148. BOGEN Magnetics GmbH Latest Developments
Table 149. Changchun Yuheng Optics Co., Ltd. Basic Information, Robotic High-precision Absolute Rotary Encoders Manufacturing Base, Sales Area and Its Competitors
Table 150. Changchun Yuheng Optics Co., Ltd. Robotic High-precision Absolute Rotary Encoders Product Portfolios and Specifications
Table 151. Changchun Yuheng Optics Co., Ltd. Robotic High-precision Absolute Rotary Encoders Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 152. Changchun Yuheng Optics Co., Ltd. Main Business
Table 153. Changchun Yuheng Optics Co., Ltd. Latest Developments
Table 154. Shenzhen Mosrac Motor Co., Ltd. Basic Information, Robotic High-precision

+357 96 030922
info@marketpublishers.com

Absolute Rotary Encoders Manufacturing Base, Sales Area and Its Competitors
Table 155. Shenzhen Mosrac Motor Co., Ltd. Robotic High-precision Absolute Rotary Encoders Product Portfolios and Specifications
Table 156. Shenzhen Mosrac Motor Co., Ltd. Robotic High-precision Absolute Rotary Encoders Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 157. Shenzhen Mosrac Motor Co., Ltd. Main Business
Table 158. Shenzhen Mosrac Motor Co., Ltd. Latest Developments
Table 159. Shenzhen BriterEncoder Technology Co., Ltd. Basic Information, Robotic High-precision Absolute Rotary Encoders Manufacturing Base, Sales Area and Its Competitors
Table 160. Shenzhen BriterEncoder Technology Co., Ltd. Robotic High-precision Absolute Rotary Encoders Product Portfolios and Specifications
Table 161. Shenzhen BriterEncoder Technology Co., Ltd. Robotic High-precision Absolute Rotary Encoders Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 162. Shenzhen BriterEncoder Technology Co., Ltd. Main Business
Table 163. Shenzhen BriterEncoder Technology Co., Ltd. Latest Developments
Table 164. Shanghai Hengxiang Optical Electronic Co., Ltd. Basic Information, Robotic High-precision Absolute Rotary Encoders Manufacturing Base, Sales Area and Its Competitors
Table 165. Shanghai Hengxiang Optical Electronic Co., Ltd. Robotic High-precision Absolute Rotary Encoders Product Portfolios and Specifications
Table 166. Shanghai Hengxiang Optical Electronic Co., Ltd. Robotic High-precision Absolute Rotary Encoders Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 167. Shanghai Hengxiang Optical Electronic Co., Ltd. Main Business
Table 168. Shanghai Hengxiang Optical Electronic Co., Ltd. Latest Developments
Table 169. Changchun Rongde Optics Co., Ltd. Basic Information, Robotic High-precision Absolute Rotary Encoders Manufacturing Base, Sales Area and Its Competitors
Table 170. Changchun Rongde Optics Co., Ltd. Robotic High-precision Absolute Rotary Encoders Product Portfolios and Specifications
Table 171. Changchun Rongde Optics Co., Ltd. Robotic High-precision Absolute Rotary Encoders Sales (K Units), Revenue ($ Million), Price (US$/Unit) and Gross Margin (2021-2026)
Table 172. Changchun Rongde Optics Co., Ltd. Main Business
Table 173. Changchun Rongde Optics Co., Ltd. Latest Developments

+357 96 030922
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

Figure 1. Picture of Robotic High-precision Absolute Rotary Encoders
Figure 2. Robotic High-precision Absolute Rotary Encoders Report Years Considered
Figure 3. Research Objectives
Figure 4. Research Methodology
Figure 5. Research Process and Data Source
Figure 6. Global Robotic High-precision Absolute Rotary Encoders Sales Growth Rate 2021-2032 (K Units)
Figure 7. Global Robotic High-precision Absolute Rotary Encoders Revenue Growth Rate 2021-2032 ($ millions)
Figure 8. Robotic High-precision Absolute Rotary Encoders Sales by Geographic Region (2021, 2025 & 2032) & ($ millions)
Figure 9. Robotic High-precision Absolute Rotary Encoders Sales Market Share by Country/Region (2025)
Figure 10. Robotic High-precision Absolute Rotary Encoders Sales Market Share by Country/Region (2021, 2025 & 2032)
Figure 11. Product Picture of Optical Absolute Encoders
Figure 12. Product Picture of Magnetic Absolute Encoders
Figure 13. Product Picture of Inductive and Capacitive Absolute Encoders
Figure 14. Global Robotic High-precision Absolute Rotary Encoders Sales Market Share by Type in 2026
Figure 15. Global Robotic High-precision Absolute Rotary Encoders Revenue Market Share by Type (2021-2026)
Figure 16. Product Picture of Shafted Encoders
Figure 17. Product Picture of Hollow-shaft Encoders
Figure 18. Product Picture of Kit and Ring Encoders
Figure 19. Global Robotic High-precision Absolute Rotary Encoders Sales Market Share by Mechanical Configuration in 2026
Figure 20. Global Robotic High-precision Absolute Rotary Encoders Revenue Market Share by Mechanical Configuration (2021-2026)
Figure 21. Product Picture of Standard-resolution??17 Bit?
Figure 22. Product Picture of High-resolution??17–22 Bit?
Figure 23. Product Picture of Ultra-high-resolution??22 Bit?
Figure 24. Global Robotic High-precision Absolute Rotary Encoders Sales Market Share by Single-turn Resolution in 2026
Figure 25. Global Robotic High-precision Absolute Rotary Encoders Revenue Market

+357 96 030922
info@marketpublishers.com

Share by Single-turn Resolution (2021-2026)
Figure 26. Robotic High-precision Absolute Rotary Encoders Consumed in Industrial Robots
Figure 27. Global Robotic High-precision Absolute Rotary Encoders Market: Industrial Robots (2021-2026) & (K Units)
Figure 28. Robotic High-precision Absolute Rotary Encoders Consumed in Collaborative Robots
Figure 29. Global Robotic High-precision Absolute Rotary Encoders Market: Collaborative Robots (2021-2026) & (K Units)
Figure 30. Robotic High-precision Absolute Rotary Encoders Consumed in Humanoid and Service Robots
Figure 31. Global Robotic High-precision Absolute Rotary Encoders Market: Humanoid and Service Robots (2021-2026) & (K Units)
Figure 32. Robotic High-precision Absolute Rotary Encoders Consumed in Other
Figure 33. Global Robotic High-precision Absolute Rotary Encoders Market: Other (2021-2026) & (K Units)
Figure 34. Global Robotic High-precision Absolute Rotary Encoders Sale Market Share by Application (2025)
Figure 35. Global Robotic High-precision Absolute Rotary Encoders Revenue Market Share by Application in 2025
Figure 36. Robotic High-precision Absolute Rotary Encoders Sales by Company in 2025 (K Units)
Figure 37. Global Robotic High-precision Absolute Rotary Encoders Sales Market Share by Company in 2025
Figure 38. Robotic High-precision Absolute Rotary Encoders Revenue by Company in 2025 ($ millions)
Figure 39. Global Robotic High-precision Absolute Rotary Encoders Revenue Market Share by Company in 2025
Figure 40. Global Robotic High-precision Absolute Rotary Encoders Sales Market Share by Geographic Region (2021-2026)
Figure 41. Global Robotic High-precision Absolute Rotary Encoders Revenue Market Share by Geographic Region in 2025
Figure 42. Americas Robotic High-precision Absolute Rotary Encoders Sales 2021-2026 (K Units)
Figure 43. Americas Robotic High-precision Absolute Rotary Encoders Revenue 2021-2026 ($ millions)
Figure 44. APAC Robotic High-precision Absolute Rotary Encoders Sales 2021-2026 (K Units)
Figure 45. APAC Robotic High-precision Absolute Rotary Encoders Revenue

+357 96 030922
info@marketpublishers.com

2021-2026 ($ millions)
Figure 46. Europe Robotic High-precision Absolute Rotary Encoders Sales 2021-2026 (K Units)
Figure 47. Europe Robotic High-precision Absolute Rotary Encoders Revenue 2021-2026 ($ millions)
Figure 48. Middle East & Africa Robotic High-precision Absolute Rotary Encoders Sales 2021-2026 (K Units)
Figure 49. Middle East & Africa Robotic High-precision Absolute Rotary Encoders Revenue 2021-2026 ($ millions)
Figure 50. Americas Robotic High-precision Absolute Rotary Encoders Sales Market Share by Country in 2025
Figure 51. Americas Robotic High-precision Absolute Rotary Encoders Revenue Market Share by Country (2021-2026)
Figure 52. Americas Robotic High-precision Absolute Rotary Encoders Sales Market Share by Type (2021-2026)
Figure 53. Americas Robotic High-precision Absolute Rotary Encoders Sales Market Share by Application (2021-2026)
Figure 54. United States Robotic High-precision Absolute Rotary Encoders Revenue Growth 2021-2026 ($ millions)
Figure 55. Canada Robotic High-precision Absolute Rotary Encoders Revenue Growth 2021-2026 ($ millions)
Figure 56. Mexico Robotic High-precision Absolute Rotary Encoders Revenue Growth 2021-2026 ($ millions)
Figure 57. Brazil Robotic High-precision Absolute Rotary Encoders Revenue Growth 2021-2026 ($ millions)
Figure 58. APAC Robotic High-precision Absolute Rotary Encoders Sales Market Share by Region in 2025
Figure 59. APAC Robotic High-precision Absolute Rotary Encoders Revenue Market Share by Region (2021-2026)
Figure 60. APAC Robotic High-precision Absolute Rotary Encoders Sales Market Share by Type (2021-2026)
Figure 61. APAC Robotic High-precision Absolute Rotary Encoders Sales Market Share by Application (2021-2026)
Figure 62. China Robotic High-precision Absolute Rotary Encoders Revenue Growth 2021-2026 ($ millions)
Figure 63. Japan Robotic High-precision Absolute Rotary Encoders Revenue Growth 2021-2026 ($ millions)
Figure 64. South Korea Robotic High-precision Absolute Rotary Encoders Revenue Growth 2021-2026 ($ millions)

+357 96 030922
info@marketpublishers.com

Figure 65. Southeast Asia Robotic High-precision Absolute Rotary Encoders Revenue Growth 2021-2026 ($ millions)
Figure 66. India Robotic High-precision Absolute Rotary Encoders Revenue Growth 2021-2026 ($ millions)
Figure 67. Australia Robotic High-precision Absolute Rotary Encoders Revenue Growth 2021-2026 ($ millions)
Figure 68. China Taiwan Robotic High-precision Absolute Rotary Encoders Revenue Growth 2021-2026 ($ millions)
Figure 69. Europe Robotic High-precision Absolute Rotary Encoders Sales Market Share by Country in 2025
Figure 70. Europe Robotic High-precision Absolute Rotary Encoders Revenue Market Share by Country (2021-2026)
Figure 71. Europe Robotic High-precision Absolute Rotary Encoders Sales Market Share by Type (2021-2026)
Figure 72. Europe Robotic High-precision Absolute Rotary Encoders Sales Market Share by Application (2021-2026)
Figure 73. Germany Robotic High-precision Absolute Rotary Encoders Revenue Growth 2021-2026 ($ millions)
Figure 74. France Robotic High-precision Absolute Rotary Encoders Revenue Growth 2021-2026 ($ millions)
Figure 75. UK Robotic High-precision Absolute Rotary Encoders Revenue Growth 2021-2026 ($ millions)
Figure 76. Italy Robotic High-precision Absolute Rotary Encoders Revenue Growth 2021-2026 ($ millions)
Figure 77. Russia Robotic High-precision Absolute Rotary Encoders Revenue Growth 2021-2026 ($ millions)
Figure 78. Middle East & Africa Robotic High-precision Absolute Rotary Encoders Sales Market Share by Country (2021-2026)
Figure 79. Middle East & Africa Robotic High-precision Absolute Rotary Encoders Sales Market Share by Type (2021-2026)
Figure 80. Middle East & Africa Robotic High-precision Absolute Rotary Encoders Sales Market Share by Application (2021-2026)
Figure 81. Egypt Robotic High-precision Absolute Rotary Encoders Revenue Growth 2021-2026 ($ millions)
Figure 82. South Africa Robotic High-precision Absolute Rotary Encoders Revenue Growth 2021-2026 ($ millions)
Figure 83. Israel Robotic High-precision Absolute Rotary Encoders Revenue Growth 2021-2026 ($ millions)
Figure 84. Turkey Robotic High-precision Absolute Rotary Encoders Revenue Growth

+357 96 030922
info@marketpublishers.com

2021-2026 ($ millions)
Figure 85. GCC Countries Robotic High-precision Absolute Rotary Encoders Revenue Growth 2021-2026 ($ millions)
Figure 86. Manufacturing Cost Structure Analysis of Robotic High-precision Absolute Rotary Encoders in 2026
Figure 87. Manufacturing Process Analysis of Robotic High-precision Absolute Rotary Encoders
Figure 88. Industry Chain Structure of Robotic High-precision Absolute Rotary Encoders
Figure 89. Channels of Distribution
Figure 90. Global Robotic High-precision Absolute Rotary Encoders Sales Market Forecast by Region (2027-2032)
Figure 91. Global Robotic High-precision Absolute Rotary Encoders Revenue Market Share Forecast by Region (2027-2032)
Figure 92. Global Robotic High-precision Absolute Rotary Encoders Sales Market Share Forecast by Type (2027-2032)
Figure 93. Global Robotic High-precision Absolute Rotary Encoders Revenue Market Share Forecast by Type (2027-2032)
Figure 94. Global Robotic High-precision Absolute Rotary Encoders Sales Market Share Forecast by Application (2027-2032)
Figure 95. Global Robotic High-precision Absolute Rotary Encoders Revenue Market Share Forecast by Application (2027-2032)

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Global Robotic High-precision Absolute Rotary Encoders Market Growth 2026-2032
Product link: https://marketpublishers.com/r/GAC4C20B6705EN.html
Price: US$ 3,660.00 (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/GAC4C20B6705EN.html