

Global Encoders for Industrial Robots Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

<https://marketpublishers.com/r/G77579330BD1EN.html>

Date: September 2025

Pages: 150

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

ID: G77579330BD1EN

Abstracts

According to our (Global Info Research) latest study, the global Encoders for Industrial Robots market size was valued at US\$ million in 2024 and is forecast to a readjusted size of USD million by 2031 with a CAGR of %during review period.

This report is a detailed and comprehensive analysis for global Encoders for Industrial Robots market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Encoders for Industrial Robots market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Encoders for Industrial Robots market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Encoders for Industrial Robots market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Encoders for Industrial Robots market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2020-2025

The Primary Objectives in This Report Are:

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for Encoders for Industrial Robots
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global Encoders for Industrial Robots market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Heidenhain, Netzer Precision, Rozum Robotics, Lika Electronics, Celera Motion, SuperDroid Robots, Nikon, Baumer, BEI Sensors, Dynapar, etc.

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

Market Segmentation

Encoders for Industrial Robots market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Absolute Encoders

Relative Encoders

Market segment by Application

Articulated Robots

Cartesian Robots

SCARA Robots

Delta Robots

Polar Robots

Cylindrical Robots

Major players covered

Heidenhain

Netzer Precision

Rozum Robotics

Lika Electronics

Celera Motion

SuperDroid Robots

Nikon

Baumer

BEI Sensors

Dynapar

OMRON

Rockwell Automation

FAULHABER

Hengstler

Maxon motor

Pepperl + Fuchs

Pilz

Renishaw

RLS

SIKO

Turck

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Encoders for Industrial Robots product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Encoders for Industrial Robots, with price, sales quantity, revenue, and global market share of Encoders for Industrial Robots from 2020 to 2025.

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

Chapter 4, the Encoders for Industrial Robots breakdown data are shown at the regional

level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and Encoders for Industrial Robots market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Encoders for Industrial Robots.

Chapter 14 and 15, to describe Encoders for Industrial Robots sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Encoders for Industrial Robots Consumption Value by Type: 2020 Versus 2024 Versus 2031

1.3.2 Absolute Encoders

1.3.3 Relative Encoders

1.4 Market Analysis by Application

1.4.1 Overview: Global Encoders for Industrial Robots Consumption Value by Application: 2020 Versus 2024 Versus 2031

1.4.2 Articulated Robots

1.4.3 Cartesian Robots

1.4.4 SCARA Robots

1.4.5 Delta Robots

1.4.6 Polar Robots

1.4.7 Cylindrical Robots

1.5 Global Encoders for Industrial Robots Market Size & Forecast

1.5.1 Global Encoders for Industrial Robots Consumption Value (2020 & 2024 & 2031)

1.5.2 Global Encoders for Industrial Robots Sales Quantity (2020-2031)

1.5.3 Global Encoders for Industrial Robots Average Price (2020-2031)

2 MANUFACTURERS PROFILES

2.1 Heidenhain

2.1.1 Heidenhain Details

2.1.2 Heidenhain Major Business

2.1.3 Heidenhain Encoders for Industrial Robots Product and Services

2.1.4 Heidenhain Encoders for Industrial Robots Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.1.5 Heidenhain Recent Developments/Updates

2.2 Netzer Precision

2.2.1 Netzer Precision Details

2.2.2 Netzer Precision Major Business

2.2.3 Netzer Precision Encoders for Industrial Robots Product and Services

2.2.4 Netzer Precision Encoders for Industrial Robots Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2020-2025)

2.2.5 Netzer Precision Recent Developments/Updates

2.3 Rozum Robotics

2.3.1 Rozum Robotics Details

2.3.2 Rozum Robotics Major Business

2.3.3 Rozum Robotics Encoders for Industrial Robots Product and Services

2.3.4 Rozum Robotics Encoders for Industrial Robots Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.3.5 Rozum Robotics Recent Developments/Updates

2.4 Lika Electronics

2.4.1 Lika Electronics Details

2.4.2 Lika Electronics Major Business

2.4.3 Lika Electronics Encoders for Industrial Robots Product and Services

2.4.4 Lika Electronics Encoders for Industrial Robots Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.4.5 Lika Electronics Recent Developments/Updates

2.5 Celera Motion

2.5.1 Celera Motion Details

2.5.2 Celera Motion Major Business

2.5.3 Celera Motion Encoders for Industrial Robots Product and Services

2.5.4 Celera Motion Encoders for Industrial Robots Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.5.5 Celera Motion Recent Developments/Updates

2.6 SuperDroid Robots

2.6.1 SuperDroid Robots Details

2.6.2 SuperDroid Robots Major Business

2.6.3 SuperDroid Robots Encoders for Industrial Robots Product and Services

2.6.4 SuperDroid Robots Encoders for Industrial Robots Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.6.5 SuperDroid Robots Recent Developments/Updates

2.7 Nikon

2.7.1 Nikon Details

2.7.2 Nikon Major Business

2.7.3 Nikon Encoders for Industrial Robots Product and Services

2.7.4 Nikon Encoders for Industrial Robots Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.7.5 Nikon Recent Developments/Updates

2.8 Baumer

2.8.1 Baumer Details

- 2.8.2 Baumer Major Business
- 2.8.3 Baumer Encoders for Industrial Robots Product and Services
- 2.8.4 Baumer Encoders for Industrial Robots Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
- 2.8.5 Baumer Recent Developments/Updates
- 2.9 BEI Sensors
 - 2.9.1 BEI Sensors Details
 - 2.9.2 BEI Sensors Major Business
 - 2.9.3 BEI Sensors Encoders for Industrial Robots Product and Services
 - 2.9.4 BEI Sensors Encoders for Industrial Robots Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.9.5 BEI Sensors Recent Developments/Updates
- 2.10 Dynapar
 - 2.10.1 Dynapar Details
 - 2.10.2 Dynapar Major Business
 - 2.10.3 Dynapar Encoders for Industrial Robots Product and Services
 - 2.10.4 Dynapar Encoders for Industrial Robots Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.10.5 Dynapar Recent Developments/Updates
- 2.11 OMRON
 - 2.11.1 OMRON Details
 - 2.11.2 OMRON Major Business
 - 2.11.3 OMRON Encoders for Industrial Robots Product and Services
 - 2.11.4 OMRON Encoders for Industrial Robots Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.11.5 OMRON Recent Developments/Updates
- 2.12 Rockwell Automation
 - 2.12.1 Rockwell Automation Details
 - 2.12.2 Rockwell Automation Major Business
 - 2.12.3 Rockwell Automation Encoders for Industrial Robots Product and Services
 - 2.12.4 Rockwell Automation Encoders for Industrial Robots Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.12.5 Rockwell Automation Recent Developments/Updates
- 2.13 FAULHABER
 - 2.13.1 FAULHABER Details
 - 2.13.2 FAULHABER Major Business
 - 2.13.3 FAULHABER Encoders for Industrial Robots Product and Services
 - 2.13.4 FAULHABER Encoders for Industrial Robots Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.13.5 FAULHABER Recent Developments/Updates

2.14 Hengstler

2.14.1 Hengstler Details

2.14.2 Hengstler Major Business

2.14.3 Hengstler Encoders for Industrial Robots Product and Services

2.14.4 Hengstler Encoders for Industrial Robots Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.14.5 Hengstler Recent Developments/Updates

2.15 Maxon motor

2.15.1 Maxon motor Details

2.15.2 Maxon motor Major Business

2.15.3 Maxon motor Encoders for Industrial Robots Product and Services

2.15.4 Maxon motor Encoders for Industrial Robots Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.15.5 Maxon motor Recent Developments/Updates

2.16 Pepperl + Fuchs

2.16.1 Pepperl + Fuchs Details

2.16.2 Pepperl + Fuchs Major Business

2.16.3 Pepperl + Fuchs Encoders for Industrial Robots Product and Services

2.16.4 Pepperl + Fuchs Encoders for Industrial Robots Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.16.5 Pepperl + Fuchs Recent Developments/Updates

2.17 Pilz

2.17.1 Pilz Details

2.17.2 Pilz Major Business

2.17.3 Pilz Encoders for Industrial Robots Product and Services

2.17.4 Pilz Encoders for Industrial Robots Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.17.5 Pilz Recent Developments/Updates

2.18 Renishaw

2.18.1 Renishaw Details

2.18.2 Renishaw Major Business

2.18.3 Renishaw Encoders for Industrial Robots Product and Services

2.18.4 Renishaw Encoders for Industrial Robots Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.18.5 Renishaw Recent Developments/Updates

2.19 RLS

2.19.1 RLS Details

2.19.2 RLS Major Business

- 2.19.3 RLS Encoders for Industrial Robots Product and Services
- 2.19.4 RLS Encoders for Industrial Robots Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
- 2.19.5 RLS Recent Developments/Updates
- 2.20 SIKO
 - 2.20.1 SIKO Details
 - 2.20.2 SIKO Major Business
 - 2.20.3 SIKO Encoders for Industrial Robots Product and Services
 - 2.20.4 SIKO Encoders for Industrial Robots Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.20.5 SIKO Recent Developments/Updates
- 2.21 Turck
 - 2.21.1 Turck Details
 - 2.21.2 Turck Major Business
 - 2.21.3 Turck Encoders for Industrial Robots Product and Services
 - 2.21.4 Turck Encoders for Industrial Robots Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.21.5 Turck Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: ENCODERS FOR INDUSTRIAL ROBOTS BY MANUFACTURER

- 3.1 Global Encoders for Industrial Robots Sales Quantity by Manufacturer (2020-2025)
- 3.2 Global Encoders for Industrial Robots Revenue by Manufacturer (2020-2025)
- 3.3 Global Encoders for Industrial Robots Average Price by Manufacturer (2020-2025)
- 3.4 Market Share Analysis (2024)
 - 3.4.1 Producer Shipments of Encoders for Industrial Robots by Manufacturer Revenue (\$MM) and Market Share (%): 2024
 - 3.4.2 Top 3 Encoders for Industrial Robots Manufacturer Market Share in 2024
 - 3.4.3 Top 6 Encoders for Industrial Robots Manufacturer Market Share in 2024
- 3.5 Encoders for Industrial Robots Market: Overall Company Footprint Analysis
 - 3.5.1 Encoders for Industrial Robots Market: Region Footprint
 - 3.5.2 Encoders for Industrial Robots Market: Company Product Type Footprint
 - 3.5.3 Encoders for Industrial Robots Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

4.1 Global Encoders for Industrial Robots Market Size by Region

4.1.1 Global Encoders for Industrial Robots Sales Quantity by Region (2020-2031)

4.1.2 Global Encoders for Industrial Robots Consumption Value by Region (2020-2031)

4.1.3 Global Encoders for Industrial Robots Average Price by Region (2020-2031)

4.2 North America Encoders for Industrial Robots Consumption Value (2020-2031)

4.3 Europe Encoders for Industrial Robots Consumption Value (2020-2031)

4.4 Asia-Pacific Encoders for Industrial Robots Consumption Value (2020-2031)

4.5 South America Encoders for Industrial Robots Consumption Value (2020-2031)

4.6 Middle East & Africa Encoders for Industrial Robots Consumption Value (2020-2031)

5 MARKET SEGMENT BY TYPE

5.1 Global Encoders for Industrial Robots Sales Quantity by Type (2020-2031)

5.2 Global Encoders for Industrial Robots Consumption Value by Type (2020-2031)

5.3 Global Encoders for Industrial Robots Average Price by Type (2020-2031)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Encoders for Industrial Robots Sales Quantity by Application (2020-2031)

6.2 Global Encoders for Industrial Robots Consumption Value by Application (2020-2031)

6.3 Global Encoders for Industrial Robots Average Price by Application (2020-2031)

7 NORTH AMERICA

7.1 North America Encoders for Industrial Robots Sales Quantity by Type (2020-2031)

7.2 North America Encoders for Industrial Robots Sales Quantity by Application (2020-2031)

7.3 North America Encoders for Industrial Robots Market Size by Country

7.3.1 North America Encoders for Industrial Robots Sales Quantity by Country (2020-2031)

7.3.2 North America Encoders for Industrial Robots Consumption Value by Country (2020-2031)

7.3.3 United States Market Size and Forecast (2020-2031)

7.3.4 Canada Market Size and Forecast (2020-2031)

7.3.5 Mexico Market Size and Forecast (2020-2031)

8 EUROPE

- 8.1 Europe Encoders for Industrial Robots Sales Quantity by Type (2020-2031)
- 8.2 Europe Encoders for Industrial Robots Sales Quantity by Application (2020-2031)
- 8.3 Europe Encoders for Industrial Robots Market Size by Country
 - 8.3.1 Europe Encoders for Industrial Robots Sales Quantity by Country (2020-2031)
 - 8.3.2 Europe Encoders for Industrial Robots Consumption Value by Country (2020-2031)
 - 8.3.3 Germany Market Size and Forecast (2020-2031)
 - 8.3.4 France Market Size and Forecast (2020-2031)
 - 8.3.5 United Kingdom Market Size and Forecast (2020-2031)
 - 8.3.6 Russia Market Size and Forecast (2020-2031)
 - 8.3.7 Italy Market Size and Forecast (2020-2031)

9 ASIA-PACIFIC

- 9.1 Asia-Pacific Encoders for Industrial Robots Sales Quantity by Type (2020-2031)
- 9.2 Asia-Pacific Encoders for Industrial Robots Sales Quantity by Application (2020-2031)
- 9.3 Asia-Pacific Encoders for Industrial Robots Market Size by Region
 - 9.3.1 Asia-Pacific Encoders for Industrial Robots Sales Quantity by Region (2020-2031)
 - 9.3.2 Asia-Pacific Encoders for Industrial Robots Consumption Value by Region (2020-2031)
 - 9.3.3 China Market Size and Forecast (2020-2031)
 - 9.3.4 Japan Market Size and Forecast (2020-2031)
 - 9.3.5 South Korea Market Size and Forecast (2020-2031)
 - 9.3.6 India Market Size and Forecast (2020-2031)
 - 9.3.7 Southeast Asia Market Size and Forecast (2020-2031)
 - 9.3.8 Australia Market Size and Forecast (2020-2031)

10 SOUTH AMERICA

- 10.1 South America Encoders for Industrial Robots Sales Quantity by Type (2020-2031)
- 10.2 South America Encoders for Industrial Robots Sales Quantity by Application (2020-2031)
- 10.3 South America Encoders for Industrial Robots Market Size by Country
 - 10.3.1 South America Encoders for Industrial Robots Sales Quantity by Country (2020-2031)

10.3.2 South America Encoders for Industrial Robots Consumption Value by Country (2020-2031)

10.3.3 Brazil Market Size and Forecast (2020-2031)

10.3.4 Argentina Market Size and Forecast (2020-2031)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Encoders for Industrial Robots Sales Quantity by Type (2020-2031)

11.2 Middle East & Africa Encoders for Industrial Robots Sales Quantity by Application (2020-2031)

11.3 Middle East & Africa Encoders for Industrial Robots Market Size by Country

11.3.1 Middle East & Africa Encoders for Industrial Robots Sales Quantity by Country (2020-2031)

11.3.2 Middle East & Africa Encoders for Industrial Robots Consumption Value by Country (2020-2031)

11.3.3 Turkey Market Size and Forecast (2020-2031)

11.3.4 Egypt Market Size and Forecast (2020-2031)

11.3.5 Saudi Arabia Market Size and Forecast (2020-2031)

11.3.6 South Africa Market Size and Forecast (2020-2031)

12 MARKET DYNAMICS

12.1 Encoders for Industrial Robots Market Drivers

12.2 Encoders for Industrial Robots Market Restraints

12.3 Encoders for Industrial Robots Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

13.1 Raw Material of Encoders for Industrial Robots and Key Manufacturers

13.2 Manufacturing Costs Percentage of Encoders for Industrial Robots

13.3 Encoders for Industrial Robots Production Process

13.4 Industry Value Chain Analysis

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Encoders for Industrial Robots Typical Distributors

14.3 Encoders for Industrial Robots Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global Encoders for Industrial Robots Consumption Value by Type, (USD Million), 2020 & 2024 & 2031

Table 2. Global Encoders for Industrial Robots Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Table 3. Heidenhain Basic Information, Manufacturing Base and Competitors

Table 4. Heidenhain Major Business

Table 5. Heidenhain Encoders for Industrial Robots Product and Services

Table 6. Heidenhain Encoders for Industrial Robots Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 7. Heidenhain Recent Developments/Updates

Table 8. Netzer Precision Basic Information, Manufacturing Base and Competitors

Table 9. Netzer Precision Major Business

Table 10. Netzer Precision Encoders for Industrial Robots Product and Services

Table 11. Netzer Precision Encoders for Industrial Robots Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 12. Netzer Precision Recent Developments/Updates

Table 13. Rozum Robotics Basic Information, Manufacturing Base and Competitors

Table 14. Rozum Robotics Major Business

Table 15. Rozum Robotics Encoders for Industrial Robots Product and Services

Table 16. Rozum Robotics Encoders for Industrial Robots Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 17. Rozum Robotics Recent Developments/Updates

Table 18. Lika Electronics Basic Information, Manufacturing Base and Competitors

Table 19. Lika Electronics Major Business

Table 20. Lika Electronics Encoders for Industrial Robots Product and Services

Table 21. Lika Electronics Encoders for Industrial Robots Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 22. Lika Electronics Recent Developments/Updates

Table 23. Celera Motion Basic Information, Manufacturing Base and Competitors

Table 24. Celera Motion Major Business

Table 25. Celera Motion Encoders for Industrial Robots Product and Services

Table 26. Celera Motion Encoders for Industrial Robots Sales Quantity (K Units),

Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 27. Celera Motion Recent Developments/Updates

Table 28. SuperDroid Robots Basic Information, Manufacturing Base and Competitors

Table 29. SuperDroid Robots Major Business

Table 30. SuperDroid Robots Encoders for Industrial Robots Product and Services

Table 31. SuperDroid Robots Encoders for Industrial Robots Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 32. SuperDroid Robots Recent Developments/Updates

Table 33. Nikon Basic Information, Manufacturing Base and Competitors

Table 34. Nikon Major Business

Table 35. Nikon Encoders for Industrial Robots Product and Services

Table 36. Nikon Encoders for Industrial Robots Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 37. Nikon Recent Developments/Updates

Table 38. Baumer Basic Information, Manufacturing Base and Competitors

Table 39. Baumer Major Business

Table 40. Baumer Encoders for Industrial Robots Product and Services

Table 41. Baumer Encoders for Industrial Robots Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 42. Baumer Recent Developments/Updates

Table 43. BEI Sensors Basic Information, Manufacturing Base and Competitors

Table 44. BEI Sensors Major Business

Table 45. BEI Sensors Encoders for Industrial Robots Product and Services

Table 46. BEI Sensors Encoders for Industrial Robots Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 47. BEI Sensors Recent Developments/Updates

Table 48. Dynapar Basic Information, Manufacturing Base and Competitors

Table 49. Dynapar Major Business

Table 50. Dynapar Encoders for Industrial Robots Product and Services

Table 51. Dynapar Encoders for Industrial Robots Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 52. Dynapar Recent Developments/Updates

Table 53. OMRON Basic Information, Manufacturing Base and Competitors

Table 54. OMRON Major Business

Table 55. OMRON Encoders for Industrial Robots Product and Services

Table 56. OMRON Encoders for Industrial Robots Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 57. OMRON Recent Developments/Updates

Table 58. Rockwell Automation Basic Information, Manufacturing Base and Competitors

Table 59. Rockwell Automation Major Business

Table 60. Rockwell Automation Encoders for Industrial Robots Product and Services

Table 61. Rockwell Automation Encoders for Industrial Robots Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 62. Rockwell Automation Recent Developments/Updates

Table 63. FAULHABER Basic Information, Manufacturing Base and Competitors

Table 64. FAULHABER Major Business

Table 65. FAULHABER Encoders for Industrial Robots Product and Services

Table 66. FAULHABER Encoders for Industrial Robots Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 67. FAULHABER Recent Developments/Updates

Table 68. Hengstler Basic Information, Manufacturing Base and Competitors

Table 69. Hengstler Major Business

Table 70. Hengstler Encoders for Industrial Robots Product and Services

Table 71. Hengstler Encoders for Industrial Robots Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 72. Hengstler Recent Developments/Updates

Table 73. Maxon motor Basic Information, Manufacturing Base and Competitors

Table 74. Maxon motor Major Business

Table 75. Maxon motor Encoders for Industrial Robots Product and Services

Table 76. Maxon motor Encoders for Industrial Robots Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 77. Maxon motor Recent Developments/Updates

Table 78. Pepperl + Fuchs Basic Information, Manufacturing Base and Competitors

Table 79. Pepperl + Fuchs Major Business

Table 80. Pepperl + Fuchs Encoders for Industrial Robots Product and Services

Table 81. Pepperl + Fuchs Encoders for Industrial Robots Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 82. Pepperl + Fuchs Recent Developments/Updates

Table 83. Pilz Basic Information, Manufacturing Base and Competitors

Table 84. Pilz Major Business

Table 85. Pilz Encoders for Industrial Robots Product and Services

Table 86. Pilz Encoders for Industrial Robots Sales Quantity (K Units), Average Price

(US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 87. Pilz Recent Developments/Updates

Table 88. Renishaw Basic Information, Manufacturing Base and Competitors

Table 89. Renishaw Major Business

Table 90. Renishaw Encoders for Industrial Robots Product and Services

Table 91. Renishaw Encoders for Industrial Robots Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 92. Renishaw Recent Developments/Updates

Table 93. RLS Basic Information, Manufacturing Base and Competitors

Table 94. RLS Major Business

Table 95. RLS Encoders for Industrial Robots Product and Services

Table 96. RLS Encoders for Industrial Robots Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 97. RLS Recent Developments/Updates

Table 98. SIKO Basic Information, Manufacturing Base and Competitors

Table 99. SIKO Major Business

Table 100. SIKO Encoders for Industrial Robots Product and Services

Table 101. SIKO Encoders for Industrial Robots Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 102. SIKO Recent Developments/Updates

Table 103. Turck Basic Information, Manufacturing Base and Competitors

Table 104. Turck Major Business

Table 105. Turck Encoders for Industrial Robots Product and Services

Table 106. Turck Encoders for Industrial Robots Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 107. Turck Recent Developments/Updates

Table 108. Global Encoders for Industrial Robots Sales Quantity by Manufacturer (2020-2025) & (K Units)

Table 109. Global Encoders for Industrial Robots Revenue by Manufacturer (2020-2025) & (USD Million)

Table 110. Global Encoders for Industrial Robots Average Price by Manufacturer (2020-2025) & (US\$/Unit)

Table 111. Market Position of Manufacturers in Encoders for Industrial Robots, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2024

Table 112. Head Office and Encoders for Industrial Robots Production Site of Key Manufacturer

Table 113. Encoders for Industrial Robots Market: Company Product Type Footprint

Table 114. Encoders for Industrial Robots Market: Company Product Application Footprint

Table 115. Encoders for Industrial Robots New Market Entrants and Barriers to Market Entry

Table 116. Encoders for Industrial Robots Mergers, Acquisition, Agreements, and Collaborations

Table 117. Global Encoders for Industrial Robots Consumption Value by Region (2020-2024-2031) & (USD Million) & CAGR

Table 118. Global Encoders for Industrial Robots Sales Quantity by Region (2020-2025) & (K Units)

Table 119. Global Encoders for Industrial Robots Sales Quantity by Region (2026-2031) & (K Units)

Table 120. Global Encoders for Industrial Robots Consumption Value by Region (2020-2025) & (USD Million)

Table 121. Global Encoders for Industrial Robots Consumption Value by Region (2026-2031) & (USD Million)

Table 122. Global Encoders for Industrial Robots Average Price by Region (2020-2025) & (US\$/Unit)

Table 123. Global Encoders for Industrial Robots Average Price by Region (2026-2031) & (US\$/Unit)

Table 124. Global Encoders for Industrial Robots Sales Quantity by Type (2020-2025) & (K Units)

Table 125. Global Encoders for Industrial Robots Sales Quantity by Type (2026-2031) & (K Units)

Table 126. Global Encoders for Industrial Robots Consumption Value by Type (2020-2025) & (USD Million)

Table 127. Global Encoders for Industrial Robots Consumption Value by Type (2026-2031) & (USD Million)

Table 128. Global Encoders for Industrial Robots Average Price by Type (2020-2025) & (US\$/Unit)

Table 129. Global Encoders for Industrial Robots Average Price by Type (2026-2031) & (US\$/Unit)

Table 130. Global Encoders for Industrial Robots Sales Quantity by Application (2020-2025) & (K Units)

Table 131. Global Encoders for Industrial Robots Sales Quantity by Application (2026-2031) & (K Units)

Table 132. Global Encoders for Industrial Robots Consumption Value by Application (2020-2025) & (USD Million)

Table 133. Global Encoders for Industrial Robots Consumption Value by Application (2026-2031) & (USD Million)

Table 134. Global Encoders for Industrial Robots Average Price by Application

(2020-2025) & (US\$/Unit)

Table 135. Global Encoders for Industrial Robots Average Price by Application

(2026-2031) & (US\$/Unit)

Table 136. North America Encoders for Industrial Robots Sales Quantity by Type

(2020-2025) & (K Units)

Table 137. North America Encoders for Industrial Robots Sales Quantity by Type

(2026-2031) & (K Units)

Table 138. North America Encoders for Industrial Robots Sales Quantity by Application

(2020-2025) & (K Units)

Table 139. North America Encoders for Industrial Robots Sales Quantity by Application

(2026-2031) & (K Units)

Table 140. North America Encoders for Industrial Robots Sales Quantity by Country

(2020-2025) & (K Units)

Table 141. North America Encoders for Industrial Robots Sales Quantity by Country

(2026-2031) & (K Units)

Table 142. North America Encoders for Industrial Robots Consumption Value by Country (2020-2025) & (USD Million)

Table 143. North America Encoders for Industrial Robots Consumption Value by Country (2026-2031) & (USD Million)

Table 144. Europe Encoders for Industrial Robots Sales Quantity by Type (2020-2025) & (K Units)

Table 145. Europe Encoders for Industrial Robots Sales Quantity by Type (2026-2031) & (K Units)

Table 146. Europe Encoders for Industrial Robots Sales Quantity by Application (2020-2025) & (K Units)

Table 147. Europe Encoders for Industrial Robots Sales Quantity by Application (2026-2031) & (K Units)

Table 148. Europe Encoders for Industrial Robots Sales Quantity by Country (2020-2025) & (K Units)

Table 149. Europe Encoders for Industrial Robots Sales Quantity by Country (2026-2031) & (K Units)

Table 150. Europe Encoders for Industrial Robots Consumption Value by Country (2020-2025) & (USD Million)

Table 151. Europe Encoders for Industrial Robots Consumption Value by Country (2026-2031) & (USD Million)

Table 152. Asia-Pacific Encoders for Industrial Robots Sales Quantity by Type (2020-2025) & (K Units)

Table 153. Asia-Pacific Encoders for Industrial Robots Sales Quantity by Type (2026-2031) & (K Units)

Table 154. Asia-Pacific Encoders for Industrial Robots Sales Quantity by Application (2020-2025) & (K Units)

Table 155. Asia-Pacific Encoders for Industrial Robots Sales Quantity by Application (2026-2031) & (K Units)

Table 156. Asia-Pacific Encoders for Industrial Robots Sales Quantity by Region (2020-2025) & (K Units)

Table 157. Asia-Pacific Encoders for Industrial Robots Sales Quantity by Region (2026-2031) & (K Units)

Table 158. Asia-Pacific Encoders for Industrial Robots Consumption Value by Region (2020-2025) & (USD Million)

Table 159. Asia-Pacific Encoders for Industrial Robots Consumption Value by Region (2026-2031) & (USD Million)

Table 160. South America Encoders for Industrial Robots Sales Quantity by Type (2020-2025) & (K Units)

Table 161. South America Encoders for Industrial Robots Sales Quantity by Type (2026-2031) & (K Units)

Table 162. South America Encoders for Industrial Robots Sales Quantity by Application (2020-2025) & (K Units)

Table 163. South America Encoders for Industrial Robots Sales Quantity by Application (2026-2031) & (K Units)

Table 164. South America Encoders for Industrial Robots Sales Quantity by Country (2020-2025) & (K Units)

Table 165. South America Encoders for Industrial Robots Sales Quantity by Country (2026-2031) & (K Units)

Table 166. South America Encoders for Industrial Robots Consumption Value by Country (2020-2025) & (USD Million)

Table 167. South America Encoders for Industrial Robots Consumption Value by Country (2026-2031) & (USD Million)

Table 168. Middle East & Africa Encoders for Industrial Robots Sales Quantity by Type (2020-2025) & (K Units)

Table 169. Middle East & Africa Encoders for Industrial Robots Sales Quantity by Type (2026-2031) & (K Units)

Table 170. Middle East & Africa Encoders for Industrial Robots Sales Quantity by Application (2020-2025) & (K Units)

Table 171. Middle East & Africa Encoders for Industrial Robots Sales Quantity by Application (2026-2031) & (K Units)

Table 172. Middle East & Africa Encoders for Industrial Robots Sales Quantity by Country (2020-2025) & (K Units)

Table 173. Middle East & Africa Encoders for Industrial Robots Sales Quantity by

Country (2026-2031) & (K Units)

Table 174. Middle East & Africa Encoders for Industrial Robots Consumption Value by Country (2020-2025) & (USD Million)

Table 175. Middle East & Africa Encoders for Industrial Robots Consumption Value by Country (2026-2031) & (USD Million)

Table 176. Encoders for Industrial Robots Raw Material

Table 177. Key Manufacturers of Encoders for Industrial Robots Raw Materials

Table 178. Encoders for Industrial Robots Typical Distributors

Table 179. Encoders for Industrial Robots Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. Encoders for Industrial Robots Picture

Figure 2. Global Encoders for Industrial Robots Revenue by Type, (USD Million), 2020 & 2024 & 2031

Figure 3. Global Encoders for Industrial Robots Revenue Market Share by Type in 2024

Figure 4. Absolute Encoders Examples

Figure 5. Relative Encoders Examples

Figure 6. Global Encoders for Industrial Robots Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Figure 7. Global Encoders for Industrial Robots Revenue Market Share by Application in 2024

Figure 8. Articulated Robots Examples

Figure 9. Cartesian Robots Examples

Figure 10. SCARA Robots Examples

Figure 11. Delta Robots Examples

Figure 12. Polar Robots Examples

Figure 13. Cylindrical Robots Examples

Figure 14. Global Encoders for Industrial Robots Consumption Value, (USD Million): 2020 & 2024 & 2031

Figure 15. Global Encoders for Industrial Robots Consumption Value and Forecast (2020-2031) & (USD Million)

Figure 16. Global Encoders for Industrial Robots Sales Quantity (2020-2031) & (K Units)

Figure 17. Global Encoders for Industrial Robots Price (2020-2031) & (US\$/Unit)

Figure 18. Global Encoders for Industrial Robots Sales Quantity Market Share by Manufacturer in 2024

Figure 19. Global Encoders for Industrial Robots Revenue Market Share by Manufacturer in 2024

Figure 20. Producer Shipments of Encoders for Industrial Robots by Manufacturer Sales (\$MM) and Market Share (%): 2024

Figure 21. Top 3 Encoders for Industrial Robots Manufacturer (Revenue) Market Share in 2024

Figure 22. Top 6 Encoders for Industrial Robots Manufacturer (Revenue) Market Share in 2024

Figure 23. Global Encoders for Industrial Robots Sales Quantity Market Share by Region (2020-2031)

Figure 24. Global Encoders for Industrial Robots Consumption Value Market Share by Region (2020-2031)

Figure 25. North America Encoders for Industrial Robots Consumption Value (2020-2031) & (USD Million)

Figure 26. Europe Encoders for Industrial Robots Consumption Value (2020-2031) & (USD Million)

Figure 27. Asia-Pacific Encoders for Industrial Robots Consumption Value (2020-2031) & (USD Million)

Figure 28. South America Encoders for Industrial Robots Consumption Value (2020-2031) & (USD Million)

Figure 29. Middle East & Africa Encoders for Industrial Robots Consumption Value (2020-2031) & (USD Million)

Figure 30. Global Encoders for Industrial Robots Sales Quantity Market Share by Type (2020-2031)

Figure 31. Global Encoders for Industrial Robots Consumption Value Market Share by Type (2020-2031)

Figure 32. Global Encoders for Industrial Robots Average Price by Type (2020-2031) & (US\$/Unit)

Figure 33. Global Encoders for Industrial Robots Sales Quantity Market Share by Application (2020-2031)

Figure 34. Global Encoders for Industrial Robots Revenue Market Share by Application (2020-2031)

Figure 35. Global Encoders for Industrial Robots Average Price by Application (2020-2031) & (US\$/Unit)

Figure 36. North America Encoders for Industrial Robots Sales Quantity Market Share by Type (2020-2031)

Figure 37. North America Encoders for Industrial Robots Sales Quantity Market Share by Application (2020-2031)

Figure 38. North America Encoders for Industrial Robots Sales Quantity Market Share by Country (2020-2031)

Figure 39. North America Encoders for Industrial Robots Consumption Value Market Share by Country (2020-2031)

Figure 40. United States Encoders for Industrial Robots Consumption Value (2020-2031) & (USD Million)

Figure 41. Canada Encoders for Industrial Robots Consumption Value (2020-2031) & (USD Million)

Figure 42. Mexico Encoders for Industrial Robots Consumption Value (2020-2031) & (USD Million)

Figure 43. Europe Encoders for Industrial Robots Sales Quantity Market Share by Type

(2020-2031)

Figure 44. Europe Encoders for Industrial Robots Sales Quantity Market Share by Application (2020-2031)

Figure 45. Europe Encoders for Industrial Robots Sales Quantity Market Share by Country (2020-2031)

Figure 46. Europe Encoders for Industrial Robots Consumption Value Market Share by Country (2020-2031)

Figure 47. Germany Encoders for Industrial Robots Consumption Value (2020-2031) & (USD Million)

Figure 48. France Encoders for Industrial Robots Consumption Value (2020-2031) & (USD Million)

Figure 49. United Kingdom Encoders for Industrial Robots Consumption Value (2020-2031) & (USD Million)

Figure 50. Russia Encoders for Industrial Robots Consumption Value (2020-2031) & (USD Million)

Figure 51. Italy Encoders for Industrial Robots Consumption Value (2020-2031) & (USD Million)

Figure 52. Asia-Pacific Encoders for Industrial Robots Sales Quantity Market Share by Type (2020-2031)

Figure 53. Asia-Pacific Encoders for Industrial Robots Sales Quantity Market Share by Application (2020-2031)

Figure 54. Asia-Pacific Encoders for Industrial Robots Sales Quantity Market Share by Region (2020-2031)

Figure 55. Asia-Pacific Encoders for Industrial Robots Consumption Value Market Share by Region (2020-2031)

Figure 56. China Encoders for Industrial Robots Consumption Value (2020-2031) & (USD Million)

Figure 57. Japan Encoders for Industrial Robots Consumption Value (2020-2031) & (USD Million)

Figure 58. South Korea Encoders for Industrial Robots Consumption Value (2020-2031) & (USD Million)

Figure 59. India Encoders for Industrial Robots Consumption Value (2020-2031) & (USD Million)

Figure 60. Southeast Asia Encoders for Industrial Robots Consumption Value (2020-2031) & (USD Million)

Figure 61. Australia Encoders for Industrial Robots Consumption Value (2020-2031) & (USD Million)

Figure 62. South America Encoders for Industrial Robots Sales Quantity Market Share by Type (2020-2031)

- Figure 63. South America Encoders for Industrial Robots Sales Quantity Market Share by Application (2020-2031)
- Figure 64. South America Encoders for Industrial Robots Sales Quantity Market Share by Country (2020-2031)
- Figure 65. South America Encoders for Industrial Robots Consumption Value Market Share by Country (2020-2031)
- Figure 66. Brazil Encoders for Industrial Robots Consumption Value (2020-2031) & (USD Million)
- Figure 67. Argentina Encoders for Industrial Robots Consumption Value (2020-2031) & (USD Million)
- Figure 68. Middle East & Africa Encoders for Industrial Robots Sales Quantity Market Share by Type (2020-2031)
- Figure 69. Middle East & Africa Encoders for Industrial Robots Sales Quantity Market Share by Application (2020-2031)
- Figure 70. Middle East & Africa Encoders for Industrial Robots Sales Quantity Market Share by Country (2020-2031)
- Figure 71. Middle East & Africa Encoders for Industrial Robots Consumption Value Market Share by Country (2020-2031)
- Figure 72. Turkey Encoders for Industrial Robots Consumption Value (2020-2031) & (USD Million)
- Figure 73. Egypt Encoders for Industrial Robots Consumption Value (2020-2031) & (USD Million)
- Figure 74. Saudi Arabia Encoders for Industrial Robots Consumption Value (2020-2031) & (USD Million)
- Figure 75. South Africa Encoders for Industrial Robots Consumption Value (2020-2031) & (USD Million)
- Figure 76. Encoders for Industrial Robots Market Drivers
- Figure 77. Encoders for Industrial Robots Market Restraints
- Figure 78. Encoders for Industrial Robots Market Trends
- Figure 79. Porters Five Forces Analysis
- Figure 80. Manufacturing Cost Structure Analysis of Encoders for Industrial Robots in 2024
- Figure 81. Manufacturing Process Analysis of Encoders for Industrial Robots
- Figure 82. Encoders for Industrial Robots Industrial Chain
- Figure 83. Sales Channel: Direct to End-User vs Distributors
- Figure 84. Direct Channel Pros & Cons
- Figure 85. Indirect Channel Pros & Cons
- Figure 86. Methodology
- Figure 87. Research Process and Data Source

I would like to order

Product name: Global Encoders for Industrial Robots Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

Product link: <https://marketpublishers.com/r/G77579330BD1EN.html>

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

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G77579330BD1EN.html>