

Global Digital Encoders Market Growth 2025-2031

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Abstracts

The global Digital Encoders market size is predicted to grow from US\$ million in 2025 to US\$ million in 2031; it is expected to grow at a CAGR of % from 2025 to 2031.

The impact of the latest U.S. tariff measures and the corresponding policy responses from countries worldwide on market competitiveness, regional economic performance, and supply chain configurations will be comprehensively evaluated in this report.

Digital encoder is an electromechanical device which has an electrical output in digital form proportional to the angular position of the input shaft. It has a shaft mechanically coupled to an input driver which rotates a disc rigidly fixed to it. A succession of opaque and clear segments are marked on the surface of the disc.

United States market for Digital Encoders is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

China market for Digital Encoders is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Europe market for Digital Encoders is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Global key Digital Encoders players cover Cisco, Broadcom, BEI Sensors, Renishaw, Hengstler, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2024.

LP Information, Inc. (LPI) ' newest research report, the "Digital Encoders Industry Forecast" looks at past sales and reviews total world Digital Encoders sales in 2024, providing a comprehensive analysis by region and market sector of projected Digital

Encoders sales for 2025 through 2031. With Digital Encoders sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Digital Encoders industry.

This Insight Report provides a comprehensive analysis of the global Digital 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 Digital Encoders portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Digital Encoders market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Digital 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 Digital Encoders.

This report presents a comprehensive overview, market shares, and growth opportunities of Digital Encoders market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Optical Type

Magnetic Type

Segmentation by Application:

Healthcare

Machine Tool

Consumer Electronics

Assembly Equipment

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

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.

Cisco

Broadcom

BEI Sensors

Renishaw

Hengstler

Dynapar

Baumer Group

Tokyo Sokuteikizai

CTS

Allied Motion

EPC

US Digital

CUI

Omron

Heidenhain

Bourns

Grayhill

Gurley

Honeywell

Honest Sensor Corporation

HONTKO

Key Questions Addressed in this Report

What is the 10-year outlook for the global Digital Encoders market?

What factors are driving Digital Encoders market growth, globally and by region?

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

How do Digital Encoders market opportunities vary by end market size?

How does Digital Encoders break out by Type, by Application?

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 Digital Encoders Annual Sales 2020-2031
 - 2.1.2 World Current & Future Analysis for Digital Encoders by Geographic Region, 2020, 2024 & 2031
 - 2.1.3 World Current & Future Analysis for Digital Encoders by Country/Region, 2020, 2024 & 2031
- 2.2 Digital Encoders Segment by Type
 - 2.2.1 Optical Type
 - 2.2.2 Magnetic Type
- 2.3 Digital Encoders Sales by Type
 - 2.3.1 Global Digital Encoders Sales Market Share by Type (2020-2025)
 - 2.3.2 Global Digital Encoders Revenue and Market Share by Type (2020-2025)
 - 2.3.3 Global Digital Encoders Sale Price by Type (2020-2025)
- 2.4 Digital Encoders Segment by Application
 - 2.4.1 Healthcare
 - 2.4.2 Machine Tool
 - 2.4.3 Consumer Electronics
 - 2.4.4 Assembly Equipment
 - 2.4.5 Others
- 2.5 Digital Encoders Sales by Application
 - 2.5.1 Global Digital Encoders Sale Market Share by Application (2020-2025)
 - 2.5.2 Global Digital Encoders Revenue and Market Share by Application (2020-2025)
 - 2.5.3 Global Digital Encoders Sale Price by Application (2020-2025)

3 GLOBAL BY COMPANY

- 3.1 Global Digital Encoders Breakdown Data by Company
 - 3.1.1 Global Digital Encoders Annual Sales by Company (2020-2025)
 - 3.1.2 Global Digital Encoders Sales Market Share by Company (2020-2025)
- 3.2 Global Digital Encoders Annual Revenue by Company (2020-2025)
 - 3.2.1 Global Digital Encoders Revenue by Company (2020-2025)
 - 3.2.2 Global Digital Encoders Revenue Market Share by Company (2020-2025)
- 3.3 Global Digital Encoders Sale Price by Company
- 3.4 Key Manufacturers Digital Encoders Producing Area Distribution, Sales Area, Product Type
 - 3.4.1 Key Manufacturers Digital Encoders Product Location Distribution
 - 3.4.2 Players Digital Encoders Products Offered
- 3.5 Market Concentration Rate Analysis
 - 3.5.1 Competition Landscape Analysis
 - 3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)
- 3.6 New Products and Potential Entrants
- 3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR DIGITAL ENCODERS BY GEOGRAPHIC REGION

- 4.1 World Historic Digital Encoders Market Size by Geographic Region (2020-2025)
 - 4.1.1 Global Digital Encoders Annual Sales by Geographic Region (2020-2025)
 - 4.1.2 Global Digital Encoders Annual Revenue by Geographic Region (2020-2025)
- 4.2 World Historic Digital Encoders Market Size by Country/Region (2020-2025)
 - 4.2.1 Global Digital Encoders Annual Sales by Country/Region (2020-2025)
 - 4.2.2 Global Digital Encoders Annual Revenue by Country/Region (2020-2025)
- 4.3 Americas Digital Encoders Sales Growth
- 4.4 APAC Digital Encoders Sales Growth
- 4.5 Europe Digital Encoders Sales Growth
- 4.6 Middle East & Africa Digital Encoders Sales Growth

5 AMERICAS

- 5.1 Americas Digital Encoders Sales by Country
 - 5.1.1 Americas Digital Encoders Sales by Country (2020-2025)
 - 5.1.2 Americas Digital Encoders Revenue by Country (2020-2025)
- 5.2 Americas Digital Encoders Sales by Type (2020-2025)

5.3 Americas Digital Encoders Sales by Application (2020-2025)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Digital Encoders Sales by Region

6.1.1 APAC Digital Encoders Sales by Region (2020-2025)

6.1.2 APAC Digital Encoders Revenue by Region (2020-2025)

6.2 APAC Digital Encoders Sales by Type (2020-2025)

6.3 APAC Digital Encoders Sales by Application (2020-2025)

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 Digital Encoders by Country

7.1.1 Europe Digital Encoders Sales by Country (2020-2025)

7.1.2 Europe Digital Encoders Revenue by Country (2020-2025)

7.2 Europe Digital Encoders Sales by Type (2020-2025)

7.3 Europe Digital Encoders Sales by Application (2020-2025)

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Digital Encoders by Country

8.1.1 Middle East & Africa Digital Encoders Sales by Country (2020-2025)

8.1.2 Middle East & Africa Digital Encoders Revenue by Country (2020-2025)

8.2 Middle East & Africa Digital Encoders Sales by Type (2020-2025)

8.3 Middle East & Africa Digital Encoders Sales by Application (2020-2025)

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

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of Digital Encoders

10.3 Manufacturing Process Analysis of Digital Encoders

10.4 Industry Chain Structure of Digital Encoders

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Digital Encoders Distributors

11.3 Digital Encoders Customer

12 WORLD FORECAST REVIEW FOR DIGITAL ENCODERS BY GEOGRAPHIC REGION

12.1 Global Digital Encoders Market Size Forecast by Region

12.1.1 Global Digital Encoders Forecast by Region (2026-2031)

12.1.2 Global Digital Encoders Annual Revenue Forecast by Region (2026-2031)

12.2 Americas Forecast by Country (2026-2031)

12.3 APAC Forecast by Region (2026-2031)

12.4 Europe Forecast by Country (2026-2031)

12.5 Middle East & Africa Forecast by Country (2026-2031)

12.6 Global Digital Encoders Forecast by Type (2026-2031)

12.7 Global Digital Encoders Forecast by Application (2026-2031)

13 KEY PLAYERS ANALYSIS

13.1 Cisco

13.1.1 Cisco Company Information

13.1.2 Cisco Digital Encoders Product Portfolios and Specifications

13.1.3 Cisco Digital Encoders Sales, Revenue, Price and Gross Margin (2020-2025)

13.1.4 Cisco Main Business Overview

13.1.5 Cisco Latest Developments

13.2 Broadcom

13.2.1 Broadcom Company Information

13.2.2 Broadcom Digital Encoders Product Portfolios and Specifications

13.2.3 Broadcom Digital Encoders Sales, Revenue, Price and Gross Margin (2020-2025)

13.2.4 Broadcom Main Business Overview

13.2.5 Broadcom Latest Developments

13.3 BEI Sensors

13.3.1 BEI Sensors Company Information

13.3.2 BEI Sensors Digital Encoders Product Portfolios and Specifications

13.3.3 BEI Sensors Digital Encoders Sales, Revenue, Price and Gross Margin (2020-2025)

13.3.4 BEI Sensors Main Business Overview

13.3.5 BEI Sensors Latest Developments

13.4 Renishaw

13.4.1 Renishaw Company Information

13.4.2 Renishaw Digital Encoders Product Portfolios and Specifications

13.4.3 Renishaw Digital Encoders Sales, Revenue, Price and Gross Margin (2020-2025)

13.4.4 Renishaw Main Business Overview

13.4.5 Renishaw Latest Developments

13.5 Hengstler

13.5.1 Hengstler Company Information

13.5.2 Hengstler Digital Encoders Product Portfolios and Specifications

13.5.3 Hengstler Digital Encoders Sales, Revenue, Price and Gross Margin (2020-2025)

13.5.4 Hengstler Main Business Overview

13.5.5 Hengstler Latest Developments

13.6 Dynapar

13.6.1 Dynapar Company Information

13.6.2 Dynapar Digital Encoders Product Portfolios and Specifications

13.6.3 Dynapar Digital Encoders Sales, Revenue, Price and Gross Margin

(2020-2025)

13.6.4 Dynapar Main Business Overview

13.6.5 Dynapar Latest Developments

13.7 Baumer Group

13.7.1 Baumer Group Company Information

13.7.2 Baumer Group Digital Encoders Product Portfolios and Specifications

13.7.3 Baumer Group Digital Encoders Sales, Revenue, Price and Gross Margin

(2020-2025)

13.7.4 Baumer Group Main Business Overview

13.7.5 Baumer Group Latest Developments

13.8 Tokyo Sokuteikizai

13.8.1 Tokyo Sokuteikizai Company Information

13.8.2 Tokyo Sokuteikizai Digital Encoders Product Portfolios and Specifications

13.8.3 Tokyo Sokuteikizai Digital Encoders Sales, Revenue, Price and Gross Margin

(2020-2025)

13.8.4 Tokyo Sokuteikizai Main Business Overview

13.8.5 Tokyo Sokuteikizai Latest Developments

13.9 CTS

13.9.1 CTS Company Information

13.9.2 CTS Digital Encoders Product Portfolios and Specifications

13.9.3 CTS Digital Encoders Sales, Revenue, Price and Gross Margin (2020-2025)

13.9.4 CTS Main Business Overview

13.9.5 CTS Latest Developments

13.10 Allied Motion

13.10.1 Allied Motion Company Information

13.10.2 Allied Motion Digital Encoders Product Portfolios and Specifications

13.10.3 Allied Motion Digital Encoders Sales, Revenue, Price and Gross Margin

(2020-2025)

13.10.4 Allied Motion Main Business Overview

13.10.5 Allied Motion Latest Developments

13.11 EPC

13.11.1 EPC Company Information

13.11.2 EPC Digital Encoders Product Portfolios and Specifications

13.11.3 EPC Digital Encoders Sales, Revenue, Price and Gross Margin (2020-2025)

13.11.4 EPC Main Business Overview

- 13.11.5 EPC Latest Developments
- 13.12 US Digital
 - 13.12.1 US Digital Company Information
 - 13.12.2 US Digital Digital Encoders Product Portfolios and Specifications
 - 13.12.3 US Digital Digital Encoders Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.12.4 US Digital Main Business Overview
 - 13.12.5 US Digital Latest Developments
- 13.13 CUI
 - 13.13.1 CUI Company Information
 - 13.13.2 CUI Digital Encoders Product Portfolios and Specifications
 - 13.13.3 CUI Digital Encoders Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.13.4 CUI Main Business Overview
 - 13.13.5 CUI Latest Developments
- 13.14 Omron
 - 13.14.1 Omron Company Information
 - 13.14.2 Omron Digital Encoders Product Portfolios and Specifications
 - 13.14.3 Omron Digital Encoders Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.14.4 Omron Main Business Overview
 - 13.14.5 Omron Latest Developments
- 13.15 Heidenhain
 - 13.15.1 Heidenhain Company Information
 - 13.15.2 Heidenhain Digital Encoders Product Portfolios and Specifications
 - 13.15.3 Heidenhain Digital Encoders Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.15.4 Heidenhain Main Business Overview
 - 13.15.5 Heidenhain Latest Developments
- 13.16 Bourns
 - 13.16.1 Bourns Company Information
 - 13.16.2 Bourns Digital Encoders Product Portfolios and Specifications
 - 13.16.3 Bourns Digital Encoders Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.16.4 Bourns Main Business Overview
 - 13.16.5 Bourns Latest Developments
- 13.17 Grayhill
 - 13.17.1 Grayhill Company Information
 - 13.17.2 Grayhill Digital Encoders Product Portfolios and Specifications
 - 13.17.3 Grayhill Digital Encoders Sales, Revenue, Price and Gross Margin (2020-2025)

- 13.17.4 Grayhill Main Business Overview
- 13.17.5 Grayhill Latest Developments
- 13.18 Gurley
 - 13.18.1 Gurley Company Information
 - 13.18.2 Gurley Digital Encoders Product Portfolios and Specifications
 - 13.18.3 Gurley Digital Encoders Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.18.4 Gurley Main Business Overview
 - 13.18.5 Gurley Latest Developments
- 13.19 Honeywell
 - 13.19.1 Honeywell Company Information
 - 13.19.2 Honeywell Digital Encoders Product Portfolios and Specifications
 - 13.19.3 Honeywell Digital Encoders Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.19.4 Honeywell Main Business Overview
 - 13.19.5 Honeywell Latest Developments
- 13.20 Honest Sensor Corporation
 - 13.20.1 Honest Sensor Corporation Company Information
 - 13.20.2 Honest Sensor Corporation Digital Encoders Product Portfolios and Specifications
 - 13.20.3 Honest Sensor Corporation Digital Encoders Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.20.4 Honest Sensor Corporation Main Business Overview
 - 13.20.5 Honest Sensor Corporation Latest Developments
- 13.21 HONTKO
 - 13.21.1 HONTKO Company Information
 - 13.21.2 HONTKO Digital Encoders Product Portfolios and Specifications
 - 13.21.3 HONTKO Digital Encoders Sales, Revenue, Price and Gross Margin (2020-2025)
 - 13.21.4 HONTKO Main Business Overview
 - 13.21.5 HONTKO Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

- Table 1. Digital Encoders Annual Sales CAGR by Geographic Region (2020, 2024 & 2031) & (\$ millions)
- Table 2. Digital Encoders Annual Sales CAGR by Country/Region (2020, 2024 & 2031) & (\$ millions)
- Table 3. Major Players of Optical Type
- Table 4. Major Players of Magnetic Type
- Table 5. Global Digital Encoders Sales by Type (2020-2025) & (K Units)
- Table 6. Global Digital Encoders Sales Market Share by Type (2020-2025)
- Table 7. Global Digital Encoders Revenue by Type (2020-2025) & (\$ million)
- Table 8. Global Digital Encoders Revenue Market Share by Type (2020-2025)
- Table 9. Global Digital Encoders Sale Price by Type (2020-2025) & (USD/Unit)
- Table 10. Global Digital Encoders Sale by Application (2020-2025) & (K Units)
- Table 11. Global Digital Encoders Sale Market Share by Application (2020-2025)
- Table 12. Global Digital Encoders Revenue by Application (2020-2025) & (\$ million)
- Table 13. Global Digital Encoders Revenue Market Share by Application (2020-2025)
- Table 14. Global Digital Encoders Sale Price by Application (2020-2025) & (USD/Unit)
- Table 15. Global Digital Encoders Sales by Company (2020-2025) & (K Units)
- Table 16. Global Digital Encoders Sales Market Share by Company (2020-2025)
- Table 17. Global Digital Encoders Revenue by Company (2020-2025) & (\$ millions)
- Table 18. Global Digital Encoders Revenue Market Share by Company (2020-2025)
- Table 19. Global Digital Encoders Sale Price by Company (2020-2025) & (USD/Unit)
- Table 20. Key Manufacturers Digital Encoders Producing Area Distribution and Sales Area
- Table 21. Players Digital Encoders Products Offered
- Table 22. Digital Encoders Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)
- Table 23. New Products and Potential Entrants
- Table 24. Market M&A Activity & Strategy
- Table 25. Global Digital Encoders Sales by Geographic Region (2020-2025) & (K Units)
- Table 26. Global Digital Encoders Sales Market Share Geographic Region (2020-2025)
- Table 27. Global Digital Encoders Revenue by Geographic Region (2020-2025) & (\$ millions)
- Table 28. Global Digital Encoders Revenue Market Share by Geographic Region (2020-2025)
- Table 29. Global Digital Encoders Sales by Country/Region (2020-2025) & (K Units)
- Table 30. Global Digital Encoders Sales Market Share by Country/Region (2020-2025)

Table 31. Global Digital Encoders Revenue by Country/Region (2020-2025) & (\$ millions)

Table 32. Global Digital Encoders Revenue Market Share by Country/Region (2020-2025)

Table 33. Americas Digital Encoders Sales by Country (2020-2025) & (K Units)

Table 34. Americas Digital Encoders Sales Market Share by Country (2020-2025)

Table 35. Americas Digital Encoders Revenue by Country (2020-2025) & (\$ millions)

Table 36. Americas Digital Encoders Sales by Type (2020-2025) & (K Units)

Table 37. Americas Digital Encoders Sales by Application (2020-2025) & (K Units)

Table 38. APAC Digital Encoders Sales by Region (2020-2025) & (K Units)

Table 39. APAC Digital Encoders Sales Market Share by Region (2020-2025)

Table 40. APAC Digital Encoders Revenue by Region (2020-2025) & (\$ millions)

Table 41. APAC Digital Encoders Sales by Type (2020-2025) & (K Units)

Table 42. APAC Digital Encoders Sales by Application (2020-2025) & (K Units)

Table 43. Europe Digital Encoders Sales by Country (2020-2025) & (K Units)

Table 44. Europe Digital Encoders Revenue by Country (2020-2025) & (\$ millions)

Table 45. Europe Digital Encoders Sales by Type (2020-2025) & (K Units)

Table 46. Europe Digital Encoders Sales by Application (2020-2025) & (K Units)

Table 47. Middle East & Africa Digital Encoders Sales by Country (2020-2025) & (K Units)

Table 48. Middle East & Africa Digital Encoders Revenue Market Share by Country (2020-2025)

Table 49. Middle East & Africa Digital Encoders Sales by Type (2020-2025) & (K Units)

Table 50. Middle East & Africa Digital Encoders Sales by Application (2020-2025) & (K Units)

Table 51. Key Market Drivers & Growth Opportunities of Digital Encoders

Table 52. Key Market Challenges & Risks of Digital Encoders

Table 53. Key Industry Trends of Digital Encoders

Table 54. Digital Encoders Raw Material

Table 55. Key Suppliers of Raw Materials

Table 56. Digital Encoders Distributors List

Table 57. Digital Encoders Customer List

Table 58. Global Digital Encoders Sales Forecast by Region (2026-2031) & (K Units)

Table 59. Global Digital Encoders Revenue Forecast by Region (2026-2031) & (\$ millions)

Table 60. Americas Digital Encoders Sales Forecast by Country (2026-2031) & (K Units)

Table 61. Americas Digital Encoders Annual Revenue Forecast by Country (2026-2031) & (\$ millions)

- Table 62. APAC Digital Encoders Sales Forecast by Region (2026-2031) & (K Units)
- Table 63. APAC Digital Encoders Annual Revenue Forecast by Region (2026-2031) & (\$ millions)
- Table 64. Europe Digital Encoders Sales Forecast by Country (2026-2031) & (K Units)
- Table 65. Europe Digital Encoders Revenue Forecast by Country (2026-2031) & (\$ millions)
- Table 66. Middle East & Africa Digital Encoders Sales Forecast by Country (2026-2031) & (K Units)
- Table 67. Middle East & Africa Digital Encoders Revenue Forecast by Country (2026-2031) & (\$ millions)
- Table 68. Global Digital Encoders Sales Forecast by Type (2026-2031) & (K Units)
- Table 69. Global Digital Encoders Revenue Forecast by Type (2026-2031) & (\$ millions)
- Table 70. Global Digital Encoders Sales Forecast by Application (2026-2031) & (K Units)
- Table 71. Global Digital Encoders Revenue Forecast by Application (2026-2031) & (\$ millions)
- Table 72. Cisco Basic Information, Digital Encoders Manufacturing Base, Sales Area and Its Competitors
- Table 73. Cisco Digital Encoders Product Portfolios and Specifications
- Table 74. Cisco Digital Encoders Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 75. Cisco Main Business
- Table 76. Cisco Latest Developments
- Table 77. Broadcom Basic Information, Digital Encoders Manufacturing Base, Sales Area and Its Competitors
- Table 78. Broadcom Digital Encoders Product Portfolios and Specifications
- Table 79. Broadcom Digital Encoders Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 80. Broadcom Main Business
- Table 81. Broadcom Latest Developments
- Table 82. BEI Sensors Basic Information, Digital Encoders Manufacturing Base, Sales Area and Its Competitors
- Table 83. BEI Sensors Digital Encoders Product Portfolios and Specifications
- Table 84. BEI Sensors Digital Encoders Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 85. BEI Sensors Main Business
- Table 86. BEI Sensors Latest Developments
- Table 87. Renishaw Basic Information, Digital Encoders Manufacturing Base, Sales Area and Its Competitors

- Table 88. Renishaw Digital Encoders Product Portfolios and Specifications
- Table 89. Renishaw Digital Encoders Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 90. Renishaw Main Business
- Table 91. Renishaw Latest Developments
- Table 92. Hengstler Basic Information, Digital Encoders Manufacturing Base, Sales Area and Its Competitors
- Table 93. Hengstler Digital Encoders Product Portfolios and Specifications
- Table 94. Hengstler Digital Encoders Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 95. Hengstler Main Business
- Table 96. Hengstler Latest Developments
- Table 97. Dynapar Basic Information, Digital Encoders Manufacturing Base, Sales Area and Its Competitors
- Table 98. Dynapar Digital Encoders Product Portfolios and Specifications
- Table 99. Dynapar Digital Encoders Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 100. Dynapar Main Business
- Table 101. Dynapar Latest Developments
- Table 102. Baumer Group Basic Information, Digital Encoders Manufacturing Base, Sales Area and Its Competitors
- Table 103. Baumer Group Digital Encoders Product Portfolios and Specifications
- Table 104. Baumer Group Digital Encoders Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 105. Baumer Group Main Business
- Table 106. Baumer Group Latest Developments
- Table 107. Tokyo Sokuteikizai Basic Information, Digital Encoders Manufacturing Base, Sales Area and Its Competitors
- Table 108. Tokyo Sokuteikizai Digital Encoders Product Portfolios and Specifications
- Table 109. Tokyo Sokuteikizai Digital Encoders Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 110. Tokyo Sokuteikizai Main Business
- Table 111. Tokyo Sokuteikizai Latest Developments
- Table 112. CTS Basic Information, Digital Encoders Manufacturing Base, Sales Area and Its Competitors
- Table 113. CTS Digital Encoders Product Portfolios and Specifications
- Table 114. CTS Digital Encoders Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 115. CTS Main Business

Table 116. CTS Latest Developments

Table 117. Allied Motion Basic Information, Digital Encoders Manufacturing Base, Sales Area and Its Competitors

Table 118. Allied Motion Digital Encoders Product Portfolios and Specifications

Table 119. Allied Motion Digital Encoders Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 120. Allied Motion Main Business

Table 121. Allied Motion Latest Developments

Table 122. EPC Basic Information, Digital Encoders Manufacturing Base, Sales Area and Its Competitors

Table 123. EPC Digital Encoders Product Portfolios and Specifications

Table 124. EPC Digital Encoders Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 125. EPC Main Business

Table 126. EPC Latest Developments

Table 127. US Digital Basic Information, Digital Encoders Manufacturing Base, Sales Area and Its Competitors

Table 128. US Digital Digital Encoders Product Portfolios and Specifications

Table 129. US Digital Digital Encoders Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 130. US Digital Main Business

Table 131. US Digital Latest Developments

Table 132. CUI Basic Information, Digital Encoders Manufacturing Base, Sales Area and Its Competitors

Table 133. CUI Digital Encoders Product Portfolios and Specifications

Table 134. CUI Digital Encoders Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 135. CUI Main Business

Table 136. CUI Latest Developments

Table 137. Omron Basic Information, Digital Encoders Manufacturing Base, Sales Area and Its Competitors

Table 138. Omron Digital Encoders Product Portfolios and Specifications

Table 139. Omron Digital Encoders Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 140. Omron Main Business

Table 141. Omron Latest Developments

Table 142. Heidenhain Basic Information, Digital Encoders Manufacturing Base, Sales Area and Its Competitors

Table 143. Heidenhain Digital Encoders Product Portfolios and Specifications

Table 144. Heidenhain Digital Encoders Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 145. Heidenhain Main Business

Table 146. Heidenhain Latest Developments

Table 147. Bourns Basic Information, Digital Encoders Manufacturing Base, Sales Area and Its Competitors

Table 148. Bourns Digital Encoders Product Portfolios and Specifications

Table 149. Bourns Digital Encoders Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 150. Bourns Main Business

Table 151. Bourns Latest Developments

Table 152. Grayhill Basic Information, Digital Encoders Manufacturing Base, Sales Area and Its Competitors

Table 153. Grayhill Digital Encoders Product Portfolios and Specifications

Table 154. Grayhill Digital Encoders Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 155. Grayhill Main Business

Table 156. Grayhill Latest Developments

Table 157. Gurley Basic Information, Digital Encoders Manufacturing Base, Sales Area and Its Competitors

Table 158. Gurley Digital Encoders Product Portfolios and Specifications

Table 159. Gurley Digital Encoders Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 160. Gurley Main Business

Table 161. Gurley Latest Developments

Table 162. Honeywell Basic Information, Digital Encoders Manufacturing Base, Sales Area and Its Competitors

Table 163. Honeywell Digital Encoders Product Portfolios and Specifications

Table 164. Honeywell Digital Encoders Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 165. Honeywell Main Business

Table 166. Honeywell Latest Developments

Table 167. Honest Sensor Corporation Basic Information, Digital Encoders Manufacturing Base, Sales Area and Its Competitors

Table 168. Honest Sensor Corporation Digital Encoders Product Portfolios and Specifications

Table 169. Honest Sensor Corporation Digital Encoders Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 170. Honest Sensor Corporation Main Business

Table 171. Honest Sensor Corporation Latest Developments

Table 172. HONTKO Basic Information, Digital Encoders Manufacturing Base, Sales Area and Its Competitors

Table 173. HONTKO Digital Encoders Product Portfolios and Specifications

Table 174. HONTKO Digital Encoders Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 175. HONTKO Main Business

Table 176. HONTKO Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Digital Encoders
- Figure 2. Digital Encoders Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Digital Encoders Sales Growth Rate 2020-2031 (K Units)
- Figure 7. Global Digital Encoders Revenue Growth Rate 2020-2031 (\$ millions)
- Figure 8. Digital Encoders Sales by Geographic Region (2020, 2024 & 2031) & (\$ millions)
- Figure 9. Digital Encoders Sales Market Share by Country/Region (2024)
- Figure 10. Digital Encoders Sales Market Share by Country/Region (2020, 2024 & 2031)
- Figure 11. Product Picture of Optical Type
- Figure 12. Product Picture of Magnetic Type
- Figure 13. Global Digital Encoders Sales Market Share by Type in 2025
- Figure 14. Global Digital Encoders Revenue Market Share by Type (2020-2025)
- Figure 15. Digital Encoders Consumed in Healthcare
- Figure 16. Global Digital Encoders Market: Healthcare (2020-2025) & (K Units)
- Figure 17. Digital Encoders Consumed in Machine Tool
- Figure 18. Global Digital Encoders Market: Machine Tool (2020-2025) & (K Units)
- Figure 19. Digital Encoders Consumed in Consumer Electronics
- Figure 20. Global Digital Encoders Market: Consumer Electronics (2020-2025) & (K Units)
- Figure 21. Digital Encoders Consumed in Assembly Equipment
- Figure 22. Global Digital Encoders Market: Assembly Equipment (2020-2025) & (K Units)
- Figure 23. Digital Encoders Consumed in Others
- Figure 24. Global Digital Encoders Market: Others (2020-2025) & (K Units)
- Figure 25. Global Digital Encoders Sale Market Share by Application (2024)
- Figure 26. Global Digital Encoders Revenue Market Share by Application in 2025
- Figure 27. Digital Encoders Sales by Company in 2025 (K Units)
- Figure 28. Global Digital Encoders Sales Market Share by Company in 2025
- Figure 29. Digital Encoders Revenue by Company in 2025 (\$ millions)
- Figure 30. Global Digital Encoders Revenue Market Share by Company in 2025
- Figure 31. Global Digital Encoders Sales Market Share by Geographic Region

(2020-2025)

Figure 32. Global Digital Encoders Revenue Market Share by Geographic Region in 2025

Figure 33. Americas Digital Encoders Sales 2020-2025 (K Units)

Figure 34. Americas Digital Encoders Revenue 2020-2025 (\$ millions)

Figure 35. APAC Digital Encoders Sales 2020-2025 (K Units)

Figure 36. APAC Digital Encoders Revenue 2020-2025 (\$ millions)

Figure 37. Europe Digital Encoders Sales 2020-2025 (K Units)

Figure 38. Europe Digital Encoders Revenue 2020-2025 (\$ millions)

Figure 39. Middle East & Africa Digital Encoders Sales 2020-2025 (K Units)

Figure 40. Middle East & Africa Digital Encoders Revenue 2020-2025 (\$ millions)

Figure 41. Americas Digital Encoders Sales Market Share by Country in 2025

Figure 42. Americas Digital Encoders Revenue Market Share by Country (2020-2025)

Figure 43. Americas Digital Encoders Sales Market Share by Type (2020-2025)

Figure 44. Americas Digital Encoders Sales Market Share by Application (2020-2025)

Figure 45. United States Digital Encoders Revenue Growth 2020-2025 (\$ millions)

Figure 46. Canada Digital Encoders Revenue Growth 2020-2025 (\$ millions)

Figure 47. Mexico Digital Encoders Revenue Growth 2020-2025 (\$ millions)

Figure 48. Brazil Digital Encoders Revenue Growth 2020-2025 (\$ millions)

Figure 49. APAC Digital Encoders Sales Market Share by Region in 2025

Figure 50. APAC Digital Encoders Revenue Market Share by Region (2020-2025)

Figure 51. APAC Digital Encoders Sales Market Share by Type (2020-2025)

Figure 52. APAC Digital Encoders Sales Market Share by Application (2020-2025)

Figure 53. China Digital Encoders Revenue Growth 2020-2025 (\$ millions)

Figure 54. Japan Digital Encoders Revenue Growth 2020-2025 (\$ millions)

Figure 55. South Korea Digital Encoders Revenue Growth 2020-2025 (\$ millions)

Figure 56. Southeast Asia Digital Encoders Revenue Growth 2020-2025 (\$ millions)

Figure 57. India Digital Encoders Revenue Growth 2020-2025 (\$ millions)

Figure 58. Australia Digital Encoders Revenue Growth 2020-2025 (\$ millions)

Figure 59. China Taiwan Digital Encoders Revenue Growth 2020-2025 (\$ millions)

Figure 60. Europe Digital Encoders Sales Market Share by Country in 2025

Figure 61. Europe Digital Encoders Revenue Market Share by Country (2020-2025)

Figure 62. Europe Digital Encoders Sales Market Share by Type (2020-2025)

Figure 63. Europe Digital Encoders Sales Market Share by Application (2020-2025)

Figure 64. Germany Digital Encoders Revenue Growth 2020-2025 (\$ millions)

Figure 65. France Digital Encoders Revenue Growth 2020-2025 (\$ millions)

Figure 66. UK Digital Encoders Revenue Growth 2020-2025 (\$ millions)

Figure 67. Italy Digital Encoders Revenue Growth 2020-2025 (\$ millions)

Figure 68. Russia Digital Encoders Revenue Growth 2020-2025 (\$ millions)

Figure 69. Middle East & Africa Digital Encoders Sales Market Share by Country (2020-2025)

Figure 70. Middle East & Africa Digital Encoders Sales Market Share by Type (2020-2025)

Figure 71. Middle East & Africa Digital Encoders Sales Market Share by Application (2020-2025)

Figure 72. Egypt Digital Encoders Revenue Growth 2020-2025 (\$ millions)

Figure 73. South Africa Digital Encoders Revenue Growth 2020-2025 (\$ millions)

Figure 74. Israel Digital Encoders Revenue Growth 2020-2025 (\$ millions)

Figure 75. Turkey Digital Encoders Revenue Growth 2020-2025 (\$ millions)

Figure 76. GCC Countries Digital Encoders Revenue Growth 2020-2025 (\$ millions)

Figure 77. Manufacturing Cost Structure Analysis of Digital Encoders in 2025

Figure 78. Manufacturing Process Analysis of Digital Encoders

Figure 79. Industry Chain Structure of Digital Encoders

Figure 80. Channels of Distribution

Figure 81. Global Digital Encoders Sales Market Forecast by Region (2026-2031)

Figure 82. Global Digital Encoders Revenue Market Share Forecast by Region (2026-2031)

Figure 83. Global Digital Encoders Sales Market Share Forecast by Type (2026-2031)

Figure 84. Global Digital Encoders Revenue Market Share Forecast by Type (2026-2031)

Figure 85. Global Digital Encoders Sales Market Share Forecast by Application (2026-2031)

Figure 86. Global Digital Encoders Revenue Market Share Forecast by Application (2026-2031)

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