

Optical Encoder Market - Global Outlook and Forecast 2022-2028

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Abstracts

An optical encoder is an electromechanical device with mechanical input and electrical output. It provides multiple digital signals proportional to angular displacement of the input shaft. Optical encoders are commonly used in motion control systems to control and monitor speed, position, count and direction of components and machinery and equipment where it is installed. Optical encoder operation has no effect on the magnetic field and can be used in both stable, and unstable environments.

This report contains market size and forecasts of Optical Encoder in global, including the following market information:

Global Optical Encoder Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Optical Encoder Market Sales, 2017-2022, 2023-2028, (K Units)

Global top five Optical Encoder companies in 2021 (%)

The global Optical Encoder market was valued at 1371.2 million in 2021 and is projected to reach US\$ 1586.5 million by 2028, at a CAGR of 2.1% during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Incremental Encoders Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Optical Encoder include Broadcom, BEI Sensors, Renishaw, Hengstler, Dynapar, Baumer Group, Tokyo Sokuteikizai, CTS and Allied Motion, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Optical Encoder manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Optical Encoder Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Optical Encoder Market Segment Percentages, by Type, 2021 (%)

Incremental Encoders

Absolute Encoders

Global Optical Encoder Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Optical Encoder Market Segment Percentages, by Application, 2021 (%)

Healthcare

Machine tool

Consumer Electronics

Assembly equipment

Other

Global Optical Encoder Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Optical Encoder Market Segment Percentages, By Region and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Optical Encoder revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies Optical Encoder revenues share in global market, 2021 (%)

Key companies Optical Encoder sales in global market, 2017-2022 (Estimated), (K Units)

Key companies Optical Encoder sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

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

Yuheng Optics

Contents

1 INTRODUCTION TO RESEARCH & ANALYSIS REPORTS

- 1.1 Optical Encoder Market Definition
- 1.2 Market Segments
 - 1.2.1 Market by Type
 - 1.2.2 Market by Application
- 1.3 Global Optical Encoder Market Overview
- 1.4 Features & Benefits of This Report
- 1.5 Methodology & Sources of Information
 - 1.5.1 Research Methodology
 - 1.5.2 Research Process
 - 1.5.3 Base Year
 - 1.5.4 Report Assumptions & Caveats

2 GLOBAL OPTICAL ENCODER OVERALL MARKET SIZE

- 2.1 Global Optical Encoder Market Size: 2021 VS 2028
- 2.2 Global Optical Encoder Revenue, Prospects & Forecasts: 2017-2028
- 2.3 Global Optical Encoder Sales: 2017-2028

3 COMPANY LANDSCAPE

- 3.1 Top Optical Encoder Players in Global Market
- 3.2 Top Global Optical Encoder Companies Ranked by Revenue
- 3.3 Global Optical Encoder Revenue by Companies
- 3.4 Global Optical Encoder Sales by Companies
- 3.5 Global Optical Encoder Price by Manufacturer (2017-2022)
- 3.6 Top 3 and Top 5 Optical Encoder Companies in Global Market, by Revenue in 2021
- 3.7 Global Manufacturers Optical Encoder Product Type
- 3.8 Tier 1, Tier 2 and Tier 3 Optical Encoder Players in Global Market
 - 3.8.1 List of Global Tier 1 Optical Encoder Companies
 - 3.8.2 List of Global Tier 2 and Tier 3 Optical Encoder Companies

4 SIGHTS BY PRODUCT

- 4.1 Overview
 - 4.1.1 By Type - Global Optical Encoder Market Size Markets, 2021 & 2028

- 4.1.2 Incremental Encoders
- 4.1.3 Absolute Encoders
- 4.2 By Type - Global Optical Encoder Revenue & Forecasts
 - 4.2.1 By Type - Global Optical Encoder Revenue, 2017-2022
 - 4.2.2 By Type - Global Optical Encoder Revenue, 2023-2028
 - 4.2.3 By Type - Global Optical Encoder Revenue Market Share, 2017-2028
- 4.3 By Type - Global Optical Encoder Sales & Forecasts
 - 4.3.1 By Type - Global Optical Encoder Sales, 2017-2022
 - 4.3.2 By Type - Global Optical Encoder Sales, 2023-2028
 - 4.3.3 By Type - Global Optical Encoder Sales Market Share, 2017-2028
- 4.4 By Type - Global Optical Encoder Price (Manufacturers Selling Prices), 2017-2028

5 SIGHTS BY APPLICATION

- 5.1 Overview
 - 5.1.1 By Application - Global Optical Encoder Market Size, 2021 & 2028
 - 5.1.2 Healthcare
 - 5.1.3 Machine tool
 - 5.1.4 Consumer Electronics
 - 5.1.5 Assembly equipment
 - 5.1.6 Other
- 5.2 By Application - Global Optical Encoder Revenue & Forecasts
 - 5.2.1 By Application - Global Optical Encoder Revenue, 2017-2022
 - 5.2.2 By Application - Global Optical Encoder Revenue, 2023-2028
 - 5.2.3 By Application - Global Optical Encoder Revenue Market Share, 2017-2028
- 5.3 By Application - Global Optical Encoder Sales & Forecasts
 - 5.3.1 By Application - Global Optical Encoder Sales, 2017-2022
 - 5.3.2 By Application - Global Optical Encoder Sales, 2023-2028
 - 5.3.3 By Application - Global Optical Encoder Sales Market Share, 2017-2028
- 5.4 By Application - Global Optical Encoder Price (Manufacturers Selling Prices), 2017-2028

6 SIGHTS BY REGION

- 6.1 By Region - Global Optical Encoder Market Size, 2021 & 2028
- 6.2 By Region - Global Optical Encoder Revenue & Forecasts
 - 6.2.1 By Region - Global Optical Encoder Revenue, 2017-2022
 - 6.2.2 By Region - Global Optical Encoder Revenue, 2023-2028
 - 6.2.3 By Region - Global Optical Encoder Revenue Market Share, 2017-2028

6.3 By Region - Global Optical Encoder Sales & Forecasts

6.3.1 By Region - Global Optical Encoder Sales, 2017-2022

6.3.2 By Region - Global Optical Encoder Sales, 2023-2028

6.3.3 By Region - Global Optical Encoder Sales Market Share, 2017-2028

6.4 North America

6.4.1 By Country - North America Optical Encoder Revenue, 2017-2028

6.4.2 By Country - North America Optical Encoder Sales, 2017-2028

6.4.3 US Optical Encoder Market Size, 2017-2028

6.4.4 Canada Optical Encoder Market Size, 2017-2028

6.4.5 Mexico Optical Encoder Market Size, 2017-2028

6.5 Europe

6.5.1 By Country - Europe Optical Encoder Revenue, 2017-2028

6.5.2 By Country - Europe Optical Encoder Sales, 2017-2028

6.5.3 Germany Optical Encoder Market Size, 2017-2028

6.5.4 France Optical Encoder Market Size, 2017-2028

6.5.5 U.K. Optical Encoder Market Size, 2017-2028

6.5.6 Italy Optical Encoder Market Size, 2017-2028

6.5.7 Russia Optical Encoder Market Size, 2017-2028

6.5.8 Nordic Countries Optical Encoder Market Size, 2017-2028

6.5.9 Benelux Optical Encoder Market Size, 2017-2028

6.6 Asia

6.6.1 By Region - Asia Optical Encoder Revenue, 2017-2028

6.6.2 By Region - Asia Optical Encoder Sales, 2017-2028

6.6.3 China Optical Encoder Market Size, 2017-2028

6.6.4 Japan Optical Encoder Market Size, 2017-2028

6.6.5 South Korea Optical Encoder Market Size, 2017-2028

6.6.6 Southeast Asia Optical Encoder Market Size, 2017-2028

6.6.7 India Optical Encoder Market Size, 2017-2028

6.7 South America

6.7.1 By Country - South America Optical Encoder Revenue, 2017-2028

6.7.2 By Country - South America Optical Encoder Sales, 2017-2028

6.7.3 Brazil Optical Encoder Market Size, 2017-2028

6.7.4 Argentina Optical Encoder Market Size, 2017-2028

6.8 Middle East & Africa

6.8.1 By Country - Middle East & Africa Optical Encoder Revenue, 2017-2028

6.8.2 By Country - Middle East & Africa Optical Encoder Sales, 2017-2028

6.8.3 Turkey Optical Encoder Market Size, 2017-2028

6.8.4 Israel Optical Encoder Market Size, 2017-2028

6.8.5 Saudi Arabia Optical Encoder Market Size, 2017-2028

6.8.6 UAE Optical Encoder Market Size, 2017-2028

7 MANUFACTURERS & BRANDS PROFILES

7.1 Broadcom

- 7.1.1 Broadcom Corporate Summary
- 7.1.2 Broadcom Business Overview
- 7.1.3 Broadcom Optical Encoder Major Product Offerings
- 7.1.4 Broadcom Optical Encoder Sales and Revenue in Global (2017-2022)
- 7.1.5 Broadcom Key News

7.2 BEI Sensors

- 7.2.1 BEI Sensors Corporate Summary
- 7.2.2 BEI Sensors Business Overview
- 7.2.3 BEI Sensors Optical Encoder Major Product Offerings
- 7.2.4 BEI Sensors Optical Encoder Sales and Revenue in Global (2017-2022)
- 7.2.5 BEI Sensors Key News

7.3 Renishaw

- 7.3.1 Renishaw Corporate Summary
- 7.3.2 Renishaw Business Overview
- 7.3.3 Renishaw Optical Encoder Major Product Offerings
- 7.3.4 Renishaw Optical Encoder Sales and Revenue in Global (2017-2022)
- 7.3.5 Renishaw Key News

7.4 Hengstler

- 7.4.1 Hengstler Corporate Summary
- 7.4.2 Hengstler Business Overview
- 7.4.3 Hengstler Optical Encoder Major Product Offerings
- 7.4.4 Hengstler Optical Encoder Sales and Revenue in Global (2017-2022)
- 7.4.5 Hengstler Key News

7.5 Dynapar

- 7.5.1 Dynapar Corporate Summary
- 7.5.2 Dynapar Business Overview
- 7.5.3 Dynapar Optical Encoder Major Product Offerings
- 7.5.4 Dynapar Optical Encoder Sales and Revenue in Global (2017-2022)
- 7.5.5 Dynapar Key News

7.6 Baumer Group

- 7.6.1 Baumer Group Corporate Summary
- 7.6.2 Baumer Group Business Overview
- 7.6.3 Baumer Group Optical Encoder Major Product Offerings
- 7.6.4 Baumer Group Optical Encoder Sales and Revenue in Global (2017-2022)

- 7.6.5 Baumer Group Key News
- 7.7 Tokyo Sokuteikizai
 - 7.7.1 Tokyo Sokuteikizai Corporate Summary
 - 7.7.2 Tokyo Sokuteikizai Business Overview
 - 7.7.3 Tokyo Sokuteikizai Optical Encoder Major Product Offerings
 - 7.7.4 Tokyo Sokuteikizai Optical Encoder Sales and Revenue in Global (2017-2022)
 - 7.7.5 Tokyo Sokuteikizai Key News
- 7.8 CTS
 - 7.8.1 CTS Corporate Summary
 - 7.8.2 CTS Business Overview
 - 7.8.3 CTS Optical Encoder Major Product Offerings
 - 7.8.4 CTS Optical Encoder Sales and Revenue in Global (2017-2022)
 - 7.8.5 CTS Key News
- 7.9 Allied Motion
 - 7.9.1 Allied Motion Corporate Summary
 - 7.9.2 Allied Motion Business Overview
 - 7.9.3 Allied Motion Optical Encoder Major Product Offerings
 - 7.9.4 Allied Motion Optical Encoder Sales and Revenue in Global (2017-2022)
 - 7.9.5 Allied Motion Key News
- 7.10 EPC
 - 7.10.1 EPC Corporate Summary
 - 7.10.2 EPC Business Overview
 - 7.10.3 EPC Optical Encoder Major Product Offerings
 - 7.10.4 EPC Optical Encoder Sales and Revenue in Global (2017-2022)
 - 7.10.5 EPC Key News
- 7.11 US Digital
 - 7.11.1 US Digital Corporate Summary
 - 7.11.2 US Digital Optical Encoder Business Overview
 - 7.11.3 US Digital Optical Encoder Major Product Offerings
 - 7.11.4 US Digital Optical Encoder Sales and Revenue in Global (2017-2022)
 - 7.11.5 US Digital Key News
- 7.12 CUI
 - 7.12.1 CUI Corporate Summary
 - 7.12.2 CUI Optical Encoder Business Overview
 - 7.12.3 CUI Optical Encoder Major Product Offerings
 - 7.12.4 CUI Optical Encoder Sales and Revenue in Global (2017-2022)
 - 7.12.5 CUI Key News
- 7.13 Omron
 - 7.13.1 Omron Corporate Summary

- 7.13.2 Omron Optical Encoder Business Overview
- 7.13.3 Omron Optical Encoder Major Product Offerings
- 7.13.4 Omron Optical Encoder Sales and Revenue in Global (2017-2022)
- 7.13.5 Omron Key News
- 7.14 Heidenhain
 - 7.14.1 Heidenhain Corporate Summary
 - 7.14.2 Heidenhain Business Overview
 - 7.14.3 Heidenhain Optical Encoder Major Product Offerings
 - 7.14.4 Heidenhain Optical Encoder Sales and Revenue in Global (2017-2022)
 - 7.14.5 Heidenhain Key News
- 7.15 Bourns
 - 7.15.1 Bourns Corporate Summary
 - 7.15.2 Bourns Business Overview
 - 7.15.3 Bourns Optical Encoder Major Product Offerings
 - 7.15.4 Bourns Optical Encoder Sales and Revenue in Global (2017-2022)
 - 7.15.5 Bourns Key News
- 7.16 Grayhill
 - 7.16.1 Grayhill Corporate Summary
 - 7.16.2 Grayhill Business Overview
 - 7.16.3 Grayhill Optical Encoder Major Product Offerings
 - 7.16.4 Grayhill Optical Encoder Sales and Revenue in Global (2017-2022)
 - 7.16.5 Grayhill Key News
- 7.17 Gurley
 - 7.17.1 Gurley Corporate Summary
 - 7.17.2 Gurley Business Overview
 - 7.17.3 Gurley Optical Encoder Major Product Offerings
 - 7.17.4 Gurley Optical Encoder Sales and Revenue in Global (2017-2022)
 - 7.17.5 Gurley Key News
- 7.18 Honeywell
 - 7.18.1 Honeywell Corporate Summary
 - 7.18.2 Honeywell Business Overview
 - 7.18.3 Honeywell Optical Encoder Major Product Offerings
 - 7.18.4 Honeywell Optical Encoder Sales and Revenue in Global (2017-2022)
 - 7.18.5 Honeywell Key News
- 7.19 Honest Sensor Corporation
 - 7.19.1 Honest Sensor Corporation Corporate Summary
 - 7.19.2 Honest Sensor Corporation Business Overview
 - 7.19.3 Honest Sensor Corporation Optical Encoder Major Product Offerings
 - 7.19.4 Honest Sensor Corporation Optical Encoder Sales and Revenue in Global

(2017-2022)

7.19.5 Honest Sensor Corporation Key News

7.20 HONTKO

7.20.1 HONTKO Corporate Summary

7.20.2 HONTKO Business Overview

7.20.3 HONTKO Optical Encoder Major Product Offerings

7.20.4 HONTKO Optical Encoder Sales and Revenue in Global (2017-2022)

7.20.5 HONTKO Key News

7.21 Yuheng Optics

7.21.1 Yuheng Optics Corporate Summary

7.21.2 Yuheng Optics Business Overview

7.21.3 Yuheng Optics Optical Encoder Major Product Offerings

7.21.4 Yuheng Optics Optical Encoder Sales and Revenue in Global (2017-2022)

7.21.5 Yuheng Optics Key News

8 GLOBAL OPTICAL ENCODER PRODUCTION CAPACITY, ANALYSIS

8.1 Global Optical Encoder Production Capacity, 2017-2028

8.2 Optical Encoder Production Capacity of Key Manufacturers in Global Market

8.3 Global Optical Encoder Production by Region

9 KEY MARKET TRENDS, OPPORTUNITY, DRIVERS AND RESTRAINTS

9.1 Market Opportunities & Trends

9.2 Market Drivers

9.3 Market Restraints

10 OPTICAL ENCODER SUPPLY CHAIN ANALYSIS

10.1 Optical Encoder Industry Value Chain

10.2 Optical Encoder Upstream Market

10.3 Optical Encoder Downstream and Clients

10.4 Marketing Channels Analysis

10.4.1 Marketing Channels

10.4.2 Optical Encoder Distributors and Sales Agents in Global

11 CONCLUSION

12 APPENDIX

12.1 Note

12.2 Examples of Clients

12.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Key Players of Optical Encoder in Global Market
Table 2. Top Optical Encoder Players in Global Market, Ranking by Revenue (2021)
Table 3. Global Optical Encoder Revenue by Companies, (US\$, Mn), 2017-2022
Table 4. Global Optical Encoder Revenue Share by Companies, 2017-2022
Table 5. Global Optical Encoder Sales by Companies, (K Units), 2017-2022
Table 6. Global Optical Encoder Sales Share by Companies, 2017-2022
Table 7. Key Manufacturers Optical Encoder Price (2017-2022) & (USD/Unit)
Table 8. Global Manufacturers Optical Encoder Product Type
Table 9. List of Global Tier 1 Optical Encoder Companies, Revenue (US\$, Mn) in 2021 and Market Share
Table 10. List of Global Tier 2 and Tier 3 Optical Encoder Companies, Revenue (US\$, Mn) in 2021 and Market Share
Table 11. By Type – Global Optical Encoder Revenue, (US\$, Mn), 2021 & 2028
Table 12. By Type - Global Optical Encoder Revenue (US\$, Mn), 2017-2022
Table 13. By Type - Global Optical Encoder Revenue (US\$, Mn), 2023-2028
Table 14. By Type - Global Optical Encoder Sales (K Units), 2017-2022
Table 15. By Type - Global Optical Encoder Sales (K Units), 2023-2028
Table 16. By Application – Global Optical Encoder Revenue, (US\$, Mn), 2021 & 2028
Table 17. By Application - Global Optical Encoder Revenue (US\$, Mn), 2017-2022
Table 18. By Application - Global Optical Encoder Revenue (US\$, Mn), 2023-2028
Table 19. By Application - Global Optical Encoder Sales (K Units), 2017-2022
Table 20. By Application - Global Optical Encoder Sales (K Units), 2023-2028
Table 21. By Region – Global Optical Encoder Revenue, (US\$, Mn), 2021 VS 2028
Table 22. By Region - Global Optical Encoder Revenue (US\$, Mn), 2017-2022
Table 23. By Region - Global Optical Encoder Revenue (US\$, Mn), 2023-2028
Table 24. By Region - Global Optical Encoder Sales (K Units), 2017-2022
Table 25. By Region - Global Optical Encoder Sales (K Units), 2023-2028
Table 26. By Country - North America Optical Encoder Revenue, (US\$, Mn), 2017-2022
Table 27. By Country - North America Optical Encoder Revenue, (US\$, Mn), 2023-2028
Table 28. By Country - North America Optical Encoder Sales, (K Units), 2017-2022
Table 29. By Country - North America Optical Encoder Sales, (K Units), 2023-2028
Table 30. By Country - Europe Optical Encoder Revenue, (US\$, Mn), 2017-2022
Table 31. By Country - Europe Optical Encoder Revenue, (US\$, Mn), 2023-2028
Table 32. By Country - Europe Optical Encoder Sales, (K Units), 2017-2022
Table 33. By Country - Europe Optical Encoder Sales, (K Units), 2023-2028

Table 34. By Region - Asia Optical Encoder Revenue, (US\$, Mn), 2017-2022
Table 35. By Region - Asia Optical Encoder Revenue, (US\$, Mn), 2023-2028
Table 36. By Region - Asia Optical Encoder Sales, (K Units), 2017-2022
Table 37. By Region - Asia Optical Encoder Sales, (K Units), 2023-2028
Table 38. By Country - South America Optical Encoder Revenue, (US\$, Mn), 2017-2022
Table 39. By Country - South America Optical Encoder Revenue, (US\$, Mn), 2023-2028
Table 40. By Country - South America Optical Encoder Sales, (K Units), 2017-2022
Table 41. By Country - South America Optical Encoder Sales, (K Units), 2023-2028
Table 42. By Country - Middle East & Africa Optical Encoder Revenue, (US\$, Mn), 2017-2022
Table 43. By Country - Middle East & Africa Optical Encoder Revenue, (US\$, Mn), 2023-2028
Table 44. By Country - Middle East & Africa Optical Encoder Sales, (K Units), 2017-2022
Table 45. By Country - Middle East & Africa Optical Encoder Sales, (K Units), 2023-2028
Table 46. Broadcom Corporate Summary
Table 47. Broadcom Optical Encoder Product Offerings
Table 48. Broadcom Optical Encoder Sales (K Units), Revenue (US\$, Mn) and Average Price (USD/Unit) (2017-2022)
Table 49. BEI Sensors Corporate Summary
Table 50. BEI Sensors Optical Encoder Product Offerings
Table 51. BEI Sensors Optical Encoder Sales (K Units), Revenue (US\$, Mn) and Average Price (USD/Unit) (2017-2022)
Table 52. Renishaw Corporate Summary
Table 53. Renishaw Optical Encoder Product Offerings
Table 54. Renishaw Optical Encoder Sales (K Units), Revenue (US\$, Mn) and Average Price (USD/Unit) (2017-2022)
Table 55. Hengstler Corporate Summary
Table 56. Hengstler Optical Encoder Product Offerings
Table 57. Hengstler Optical Encoder Sales (K Units), Revenue (US\$, Mn) and Average Price (USD/Unit) (2017-2022)
Table 58. Dynapar Corporate Summary
Table 59. Dynapar Optical Encoder Product Offerings
Table 60. Dynapar Optical Encoder Sales (K Units), Revenue (US\$, Mn) and Average Price (USD/Unit) (2017-2022)
Table 61. Baumer Group Corporate Summary
Table 62. Baumer Group Optical Encoder Product Offerings
Table 63. Baumer Group Optical Encoder Sales (K Units), Revenue (US\$, Mn) and

Average Price (USD/Unit) (2017-2022)

Table 64. Tokyo Sokuteikizai Corporate Summary

Table 65. Tokyo Sokuteikizai Optical Encoder Product Offerings

Table 66. Tokyo Sokuteikizai Optical Encoder Sales (K Units), Revenue (US\$, Mn) and Average Price (USD/Unit) (2017-2022)

Table 67. CTS Corporate Summary

Table 68. CTS Optical Encoder Product Offerings

Table 69. CTS Optical Encoder Sales (K Units), Revenue (US\$, Mn) and Average Price (USD/Unit) (2017-2022)

Table 70. Allied Motion Corporate Summary

Table 71. Allied Motion Optical Encoder Product Offerings

Table 72. Allied Motion Optical Encoder Sales (K Units), Revenue (US\$, Mn) and Average Price (USD/Unit) (2017-2022)

Table 73. EPC Corporate Summary

Table 74. EPC Optical Encoder Product Offerings

Table 75. EPC Optical Encoder Sales (K Units), Revenue (US\$, Mn) and Average Price (USD/Unit) (2017-2022)

Table 76. US Digital Corporate Summary

Table 77. US Digital Optical Encoder Product Offerings

Table 78. US Digital Optical Encoder Sales (K Units), Revenue (US\$, Mn) and Average Price (USD/Unit) (2017-2022)

Table 79. CUI Corporate Summary

Table 80. CUI Optical Encoder Product Offerings

Table 81. CUI Optical Encoder Sales (K Units), Revenue (US\$, Mn) and Average Price (USD/Unit) (2017-2022)

Table 82. Omron Corporate Summary

Table 83. Omron Optical Encoder Product Offerings

Table 84. Omron Optical Encoder Sales (K Units), Revenue (US\$, Mn) and Average Price (USD/Unit) (2017-2022)

Table 85. Heidenhain Corporate Summary

Table 86. Heidenhain Optical Encoder Product Offerings

Table 87. Heidenhain Optical Encoder Sales (K Units), Revenue (US\$, Mn) and Average Price (USD/Unit) (2017-2022)

Table 88. Bourns Corporate Summary

Table 89. Bourns Optical Encoder Product Offerings

Table 90. Bourns Optical Encoder Sales (K Units), Revenue (US\$, Mn) and Average Price (USD/Unit) (2017-2022)

Table 91. Grayhill Corporate Summary

Table 92. Grayhill Optical Encoder Product Offerings

Table 93. Grayhill Optical Encoder Sales (K Units), Revenue (US\$, Mn) and Average Price (USD/Unit) (2017-2022)

Table 94. Gurley Corporate Summary

Table 95. Gurley Optical Encoder Product Offerings

Table 96. Gurley Optical Encoder Sales (K Units), Revenue (US\$, Mn) and Average Price (USD/Unit) (2017-2022)

Table 97. Honeywell Corporate Summary

Table 98. Honeywell Optical Encoder Product Offerings

Table 99. Honeywell Optical Encoder Sales (K Units), Revenue (US\$, Mn) and Average Price (USD/Unit) (2017-2022)

Table 100. Honest Sensor Corporation Corporate Summary

Table 101. Honest Sensor Corporation Optical Encoder Product Offerings

Table 102. Honest Sensor Corporation Optical Encoder Sales (K Units), Revenue (US\$, Mn) and Average Price (USD/Unit) (2017-2022)

Table 103. HONTKO Corporate Summary

Table 104. HONTKO Optical Encoder Product Offerings

Table 105. HONTKO Optical Encoder Sales (K Units), Revenue (US\$, Mn) and Average Price (USD/Unit) (2017-2022)

Table 106. Yuheng Optics Corporate Summary

Table 107. Yuheng Optics Optical Encoder Product Offerings

Table 108. Yuheng Optics Optical Encoder Sales (K Units), Revenue (US\$, Mn) and Average Price (USD/Unit) (2017-2022)

Table 109. Optical Encoder Production Capacity (K Units) of Key Manufacturers in Global Market, 2020-2022 (K Units)

Table 110. Global Optical Encoder Capacity Market Share of Key Manufacturers, 2020-2022

Table 111. Global Optical Encoder Production by Region, 2017-2022 (K Units)

Table 112. Global Optical Encoder Production by Region, 2023-2028 (K Units)

Table 113. Optical Encoder Market Opportunities & Trends in Global Market

Table 114. Optical Encoder Market Drivers in Global Market

Table 115. Optical Encoder Market Restraints in Global Market

Table 116. Optical Encoder Raw Materials

Table 117. Optical Encoder Raw Materials Suppliers in Global Market

Table 118. Typical Optical Encoder Downstream

Table 119. Optical Encoder Downstream Clients in Global Market

Table 120. Optical Encoder Distributors and Sales Agents in Global Market

List Of Figures

LIST OF FIGURES

- Figure 1. Optical Encoder Segment by Type
- Figure 2. Optical Encoder Segment by Application
- Figure 3. Global Optical Encoder Market Overview: 2021
- Figure 4. Key Caveats
- Figure 5. Global Optical Encoder Market Size: 2021 VS 2028 (US\$, Mn)
- Figure 6. Global Optical Encoder Revenue, 2017-2028 (US\$, Mn)
- Figure 7. Optical Encoder Sales in Global Market: 2017-2028 (K Units)
- Figure 8. The Top 3 and 5 Players Market Share by Optical Encoder Revenue in 2021
- Figure 9. By Type - Global Optical Encoder Sales Market Share, 2017-2028
- Figure 10. By Type - Global Optical Encoder Revenue Market Share, 2017-2028
- Figure 11. By Type - Global Optical Encoder Price (USD/Unit), 2017-2028
- Figure 12. By Application - Global Optical Encoder Sales Market Share, 2017-2028
- Figure 13. By Application - Global Optical Encoder Revenue Market Share, 2017-2028
- Figure 14. By Application - Global Optical Encoder Price (USD/Unit), 2017-2028
- Figure 15. By Region - Global Optical Encoder Sales Market Share, 2017-2028
- Figure 16. By Region - Global Optical Encoder Revenue Market Share, 2017-2028
- Figure 17. By Country - North America Optical Encoder Revenue Market Share, 2017-2028
- Figure 18. By Country - North America Optical Encoder Sales Market Share, 2017-2028
- Figure 19. US Optical Encoder Revenue, (US\$, Mn), 2017-2028
- Figure 20. Canada Optical Encoder Revenue, (US\$, Mn), 2017-2028
- Figure 21. Mexico Optical Encoder Revenue, (US\$, Mn), 2017-2028
- Figure 22. By Country - Europe Optical Encoder Revenue Market Share, 2017-2028
- Figure 23. By Country - Europe Optical Encoder Sales Market Share, 2017-2028
- Figure 24. Germany Optical Encoder Revenue, (US\$, Mn), 2017-2028
- Figure 25. France Optical Encoder Revenue, (US\$, Mn), 2017-2028
- Figure 26. U.K. Optical Encoder Revenue, (US\$, Mn), 2017-2028
- Figure 27. Italy Optical Encoder Revenue, (US\$, Mn), 2017-2028
- Figure 28. Russia Optical Encoder Revenue, (US\$, Mn), 2017-2028
- Figure 29. Nordic Countries Optical Encoder Revenue, (US\$, Mn), 2017-2028
- Figure 30. Benelux Optical Encoder Revenue, (US\$, Mn), 2017-2028
- Figure 31. By Region - Asia Optical Encoder Revenue Market Share, 2017-2028
- Figure 32. By Region - Asia Optical Encoder Sales Market Share, 2017-2028
- Figure 33. China Optical Encoder Revenue, (US\$, Mn), 2017-2028
- Figure 34. Japan Optical Encoder Revenue, (US\$, Mn), 2017-2028

- Figure 35. South Korea Optical Encoder Revenue, (US\$, Mn), 2017-2028
- Figure 36. Southeast Asia Optical Encoder Revenue, (US\$, Mn), 2017-2028
- Figure 37. India Optical Encoder Revenue, (US\$, Mn), 2017-2028
- Figure 38. By Country - South America Optical Encoder Revenue Market Share, 2017-2028
- Figure 39. By Country - South America Optical Encoder Sales Market Share, 2017-2028
- Figure 40. Brazil Optical Encoder Revenue, (US\$, Mn), 2017-2028
- Figure 41. Argentina Optical Encoder Revenue, (US\$, Mn), 2017-2028
- Figure 42. By Country - Middle East & Africa Optical Encoder Revenue Market Share, 2017-2028
- Figure 43. By Country - Middle East & Africa Optical Encoder Sales Market Share, 2017-2028
- Figure 44. Turkey Optical Encoder Revenue, (US\$, Mn), 2017-2028
- Figure 45. Israel Optical Encoder Revenue, (US\$, Mn), 2017-2028
- Figure 46. Saudi Arabia Optical Encoder Revenue, (US\$, Mn), 2017-2028
- Figure 47. UAE Optical Encoder Revenue, (US\$, Mn), 2017-2028
- Figure 48. Global Optical Encoder Production Capacity (K Units), 2017-2028
- Figure 49. The Percentage of Production Optical Encoder by Region, 2021 VS 2028
- Figure 50. Optical Encoder Industry Value Chain
- Figure 51. Marketing Channels

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