

Absolute Optical Encoders Market, Global Outlook and Forecast 2022-2028

<https://marketpublishers.com/r/A8C284DCE5C1EN.html>

Date: July 2024

Pages: 118

Price: US\$ 3,250.00 (Single User License)

ID: A8C284DCE5C1EN

Abstracts

Absolute encoders use natural binary or cyclic binary (Grey code) mode for photoelectric conversion. The difference between the absolute encoder and the incremental encoder lies in the transparent and opaque line graphics on the disk. The absolute encoder can have several codes, and the absolute position can be detected according to the code read on the code disk. The design of the code can be binary code, cyclic code, binary complement code, etc.

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

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

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

Global top five Absolute Optical Encoders companies in 2021 (%)

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

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

Single-turn Encoder Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Absolute Optical Encoders include Broadcom, BEI

Sensors, Renishaw, Dynapar, Baumer Group, Tamagawa, Allied Motion, EPC and CUI, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Absolute Optical Encoders 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 Absolute Optical Encoders Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

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

Single-turn Encoder

Multi-turn Encoder

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

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

Healthcare

Machine Tool

Consumer Electronics

Assembly Equipment

Other

Global Absolute Optical Encoders Market, By Region and Country, 2017-2022,

2023-2028 (\$ Millions) & (K Units)

Global Absolute Optical Encoders 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 Absolute Optical Encoders revenues in global market, 2017-2022
(Estimated), (\$ millions)

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

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

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

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

Broadcom

BEI Sensors

Renishaw

Dynapar

Baumer Group

Tamagawa

Allied Motion

EPC

CUI

Omron

Heidenhain

Bourns

Grayhill

Gurley

Honeywell

Honest Sensor Corporation

HONTKO

Yuheng Optics

Contents

1 INTRODUCTION TO RESEARCH & ANALYSIS REPORTS

- 1.1 Absolute Optical Encoders Market Definition
- 1.2 Market Segments
 - 1.2.1 Market by Type
 - 1.2.2 Market by Application
- 1.3 Global Absolute Optical Encoders 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 ABSOLUTE OPTICAL ENCODERS OVERALL MARKET SIZE

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

3 COMPANY LANDSCAPE

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

4 SIGHTS BY PRODUCT

- 4.1 Overview

- 4.1.1 By Type - Global Absolute Optical Encoders Market Size Markets, 2021 & 2028
- 4.1.2 Single-turn Encoder
- 4.1.3 Multi-turn Encoder
- 4.2 By Type - Global Absolute Optical Encoders Revenue & Forecasts
 - 4.2.1 By Type - Global Absolute Optical Encoders Revenue, 2017-2022
 - 4.2.2 By Type - Global Absolute Optical Encoders Revenue, 2023-2028
 - 4.2.3 By Type - Global Absolute Optical Encoders Revenue Market Share, 2017-2028
- 4.3 By Type - Global Absolute Optical Encoders Sales & Forecasts
 - 4.3.1 By Type - Global Absolute Optical Encoders Sales, 2017-2022
 - 4.3.2 By Type - Global Absolute Optical Encoders Sales, 2023-2028
 - 4.3.3 By Type - Global Absolute Optical Encoders Sales Market Share, 2017-2028
- 4.4 By Type - Global Absolute Optical Encoders Price (Manufacturers Selling Prices), 2017-2028

5 SIGHTS BY APPLICATION

5.1 Overview

- 5.1.1 By Application - Global Absolute Optical Encoders 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 Absolute Optical Encoders Revenue & Forecasts
 - 5.2.1 By Application - Global Absolute Optical Encoders Revenue, 2017-2022
 - 5.2.2 By Application - Global Absolute Optical Encoders Revenue, 2023-2028
 - 5.2.3 By Application - Global Absolute Optical Encoders Revenue Market Share, 2017-2028
- 5.3 By Application - Global Absolute Optical Encoders Sales & Forecasts
 - 5.3.1 By Application - Global Absolute Optical Encoders Sales, 2017-2022
 - 5.3.2 By Application - Global Absolute Optical Encoders Sales, 2023-2028
 - 5.3.3 By Application - Global Absolute Optical Encoders Sales Market Share, 2017-2028
- 5.4 By Application - Global Absolute Optical Encoders Price (Manufacturers Selling Prices), 2017-2028

6 SIGHTS BY REGION

- 6.1 By Region - Global Absolute Optical Encoders Market Size, 2021 & 2028

6.2 By Region - Global Absolute Optical Encoders Revenue & Forecasts

6.2.1 By Region - Global Absolute Optical Encoders Revenue, 2017-2022

6.2.2 By Region - Global Absolute Optical Encoders Revenue, 2023-2028

6.2.3 By Region - Global Absolute Optical Encoders Revenue Market Share, 2017-2028

6.3 By Region - Global Absolute Optical Encoders Sales & Forecasts

6.3.1 By Region - Global Absolute Optical Encoders Sales, 2017-2022

6.3.2 By Region - Global Absolute Optical Encoders Sales, 2023-2028

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

6.4 North America

6.4.1 By Country - North America Absolute Optical Encoders Revenue, 2017-2028

6.4.2 By Country - North America Absolute Optical Encoders Sales, 2017-2028

6.4.3 US Absolute Optical Encoders Market Size, 2017-2028

6.4.4 Canada Absolute Optical Encoders Market Size, 2017-2028

6.4.5 Mexico Absolute Optical Encoders Market Size, 2017-2028

6.5 Europe

6.5.1 By Country - Europe Absolute Optical Encoders Revenue, 2017-2028

6.5.2 By Country - Europe Absolute Optical Encoders Sales, 2017-2028

6.5.3 Germany Absolute Optical Encoders Market Size, 2017-2028

6.5.4 France Absolute Optical Encoders Market Size, 2017-2028

6.5.5 U.K. Absolute Optical Encoders Market Size, 2017-2028

6.5.6 Italy Absolute Optical Encoders Market Size, 2017-2028

6.5.7 Russia Absolute Optical Encoders Market Size, 2017-2028

6.5.8 Nordic Countries Absolute Optical Encoders Market Size, 2017-2028

6.5.9 Benelux Absolute Optical Encoders Market Size, 2017-2028

6.6 Asia

6.6.1 By Region - Asia Absolute Optical Encoders Revenue, 2017-2028

6.6.2 By Region - Asia Absolute Optical Encoders Sales, 2017-2028

6.6.3 China Absolute Optical Encoders Market Size, 2017-2028

6.6.4 Japan Absolute Optical Encoders Market Size, 2017-2028

6.6.5 South Korea Absolute Optical Encoders Market Size, 2017-2028

6.6.6 Southeast Asia Absolute Optical Encoders Market Size, 2017-2028

6.6.7 India Absolute Optical Encoders Market Size, 2017-2028

6.7 South America

6.7.1 By Country - South America Absolute Optical Encoders Revenue, 2017-2028

6.7.2 By Country - South America Absolute Optical Encoders Sales, 2017-2028

6.7.3 Brazil Absolute Optical Encoders Market Size, 2017-2028

6.7.4 Argentina Absolute Optical Encoders Market Size, 2017-2028

6.8 Middle East & Africa

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

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

6.8.3 Turkey Absolute Optical Encoders Market Size, 2017-2028

6.8.4 Israel Absolute Optical Encoders Market Size, 2017-2028

6.8.5 Saudi Arabia Absolute Optical Encoders Market Size, 2017-2028

6.8.6 UAE Absolute Optical Encoders 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 Absolute Optical Encoders Major Product Offerings

7.1.4 Broadcom Absolute Optical Encoders 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 Absolute Optical Encoders Major Product Offerings

7.2.4 BEI Sensors Absolute Optical Encoders 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 Absolute Optical Encoders Major Product Offerings

7.3.4 Renishaw Absolute Optical Encoders Sales and Revenue in Global (2017-2022)

7.3.5 Renishaw Key News

7.4 Dynapar

7.4.1 Dynapar Corporate Summary

7.4.2 Dynapar Business Overview

7.4.3 Dynapar Absolute Optical Encoders Major Product Offerings

7.4.4 Dynapar Absolute Optical Encoders Sales and Revenue in Global (2017-2022)

7.4.5 Dynapar Key News

7.5 Baumer Group

7.5.1 Baumer Group Corporate Summary

7.5.2 Baumer Group Business Overview

7.5.3 Baumer Group Absolute Optical Encoders Major Product Offerings

7.5.4 Baumer Group Absolute Optical Encoders Sales and Revenue in Global (2017-2022)

7.5.5 Baumer Group Key News

7.6 Tamagawa

7.6.1 Tamagawa Corporate Summary

7.6.2 Tamagawa Business Overview

7.6.3 Tamagawa Absolute Optical Encoders Major Product Offerings

7.6.4 Tamagawa Absolute Optical Encoders Sales and Revenue in Global (2017-2022)

7.6.5 Tamagawa Key News

7.7 Allied Motion

7.7.1 Allied Motion Corporate Summary

7.7.2 Allied Motion Business Overview

7.7.3 Allied Motion Absolute Optical Encoders Major Product Offerings

7.7.4 Allied Motion Absolute Optical Encoders Sales and Revenue in Global (2017-2022)

7.7.5 Allied Motion Key News

7.8 EPC

7.8.1 EPC Corporate Summary

7.8.2 EPC Business Overview

7.8.3 EPC Absolute Optical Encoders Major Product Offerings

7.8.4 EPC Absolute Optical Encoders Sales and Revenue in Global (2017-2022)

7.8.5 EPC Key News

7.9 CUI

7.9.1 CUI Corporate Summary

7.9.2 CUI Business Overview

7.9.3 CUI Absolute Optical Encoders Major Product Offerings

7.9.4 CUI Absolute Optical Encoders Sales and Revenue in Global (2017-2022)

7.9.5 CUI Key News

7.10 Omron

7.10.1 Omron Corporate Summary

7.10.2 Omron Business Overview

7.10.3 Omron Absolute Optical Encoders Major Product Offerings

7.10.4 Omron Absolute Optical Encoders Sales and Revenue in Global (2017-2022)

7.10.5 Omron Key News

7.11 Heidenhain

7.11.1 Heidenhain Corporate Summary

7.11.2 Heidenhain Absolute Optical Encoders Business Overview

7.11.3 Heidenhain Absolute Optical Encoders Major Product Offerings

7.11.4 Heidenhain Absolute Optical Encoders Sales and Revenue in Global (2017-2022)

7.11.5 Heidenhain Key News

7.12 Bourns

7.12.1 Bourns Corporate Summary

7.12.2 Bourns Absolute Optical Encoders Business Overview

7.12.3 Bourns Absolute Optical Encoders Major Product Offerings

7.12.4 Bourns Absolute Optical Encoders Sales and Revenue in Global (2017-2022)

7.12.5 Bourns Key News

7.13 Grayhill

7.13.1 Grayhill Corporate Summary

7.13.2 Grayhill Absolute Optical Encoders Business Overview

7.13.3 Grayhill Absolute Optical Encoders Major Product Offerings

7.13.4 Grayhill Absolute Optical Encoders Sales and Revenue in Global (2017-2022)

7.13.5 Grayhill Key News

7.14 Gurley

7.14.1 Gurley Corporate Summary

7.14.2 Gurley Business Overview

7.14.3 Gurley Absolute Optical Encoders Major Product Offerings

7.14.4 Gurley Absolute Optical Encoders Sales and Revenue in Global (2017-2022)

7.14.5 Gurley Key News

7.15 Honeywell

7.15.1 Honeywell Corporate Summary

7.15.2 Honeywell Business Overview

7.15.3 Honeywell Absolute Optical Encoders Major Product Offerings

7.15.4 Honeywell Absolute Optical Encoders Sales and Revenue in Global (2017-2022)

7.15.5 Honeywell Key News

7.16 Honest Sensor Corporation

7.16.1 Honest Sensor Corporation Corporate Summary

7.16.2 Honest Sensor Corporation Business Overview

7.16.3 Honest Sensor Corporation Absolute Optical Encoders Major Product Offerings

7.16.4 Honest Sensor Corporation Absolute Optical Encoders Sales and Revenue in Global (2017-2022)

7.16.5 Honest Sensor Corporation Key News

7.17 HONTKO

7.17.1 HONTKO Corporate Summary

7.17.2 HONTKO Business Overview

7.17.3 HONTKO Absolute Optical Encoders Major Product Offerings

7.17.4 HONTKO Absolute Optical Encoders Sales and Revenue in Global (2017-2022)

7.17.5 HONTKO Key News

7.18 Yuheng Optics

7.18.1 Yuheng Optics Corporate Summary

7.18.2 Yuheng Optics Business Overview

7.18.3 Yuheng Optics Absolute Optical Encoders Major Product Offerings

7.18.4 Yuheng Optics Absolute Optical Encoders Sales and Revenue in Global (2017-2022)

7.18.5 Yuheng Optics Key News

8 GLOBAL ABSOLUTE OPTICAL ENCODERS PRODUCTION CAPACITY, ANALYSIS

8.1 Global Absolute Optical Encoders Production Capacity, 2017-2028

8.2 Absolute Optical Encoders Production Capacity of Key Manufacturers in Global Market

8.3 Global Absolute Optical Encoders 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 ABSOLUTE OPTICAL ENCODERS SUPPLY CHAIN ANALYSIS

10.1 Absolute Optical Encoders Industry Value Chain

10.2 Absolute Optical Encoders Upstream Market

10.3 Absolute Optical Encoders Downstream and Clients

10.4 Marketing Channels Analysis

10.4.1 Marketing Channels

10.4.2 Absolute Optical Encoders 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 Absolute Optical Encoders in Global Market

Table 2. Top Absolute Optical Encoders Players in Global Market, Ranking by Revenue (2021)

Table 3. Global Absolute Optical Encoders Revenue by Companies, (US\$, Mn), 2017-2022

Table 4. Global Absolute Optical Encoders Revenue Share by Companies, 2017-2022

Table 5. Global Absolute Optical Encoders Sales by Companies, (K Units), 2017-2022

Table 6. Global Absolute Optical Encoders Sales Share by Companies, 2017-2022

Table 7. Key Manufacturers Absolute Optical Encoders Price (2017-2022) & (US\$/Unit)

Table 8. Global Manufacturers Absolute Optical Encoders Product Type

Table 9. List of Global Tier 1 Absolute Optical Encoders Companies, Revenue (US\$, Mn) in 2021 and Market Share

Table 10. List of Global Tier 2 and Tier 3 Absolute Optical Encoders Companies, Revenue (US\$, Mn) in 2021 and Market Share

Table 11. By Type – Global Absolute Optical Encoders Revenue, (US\$, Mn), 2021 & 2028

Table 12. By Type - Global Absolute Optical Encoders Revenue (US\$, Mn), 2017-2022

Table 13. By Type - Global Absolute Optical Encoders Revenue (US\$, Mn), 2023-2028

Table 14. By Type - Global Absolute Optical Encoders Sales (K Units), 2017-2022

Table 15. By Type - Global Absolute Optical Encoders Sales (K Units), 2023-2028

Table 16. By Application – Global Absolute Optical Encoders Revenue, (US\$, Mn), 2021 & 2028

Table 17. By Application - Global Absolute Optical Encoders Revenue (US\$, Mn), 2017-2022

Table 18. By Application - Global Absolute Optical Encoders Revenue (US\$, Mn), 2023-2028

Table 19. By Application - Global Absolute Optical Encoders Sales (K Units), 2017-2022

Table 20. By Application - Global Absolute Optical Encoders Sales (K Units), 2023-2028

Table 21. By Region – Global Absolute Optical Encoders Revenue, (US\$, Mn), 2021 VS 2028

Table 22. By Region - Global Absolute Optical Encoders Revenue (US\$, Mn), 2017-2022

Table 23. By Region - Global Absolute Optical Encoders Revenue (US\$, Mn), 2023-2028

Table 24. By Region - Global Absolute Optical Encoders Sales (K Units), 2017-2022

Table 25. By Region - Global Absolute Optical Encoders Sales (K Units), 2023-2028

Table 26. By Country - North America Absolute Optical Encoders Revenue, (US\$, Mn), 2017-2022

Table 27. By Country - North America Absolute Optical Encoders Revenue, (US\$, Mn), 2023-2028

Table 28. By Country - North America Absolute Optical Encoders Sales, (K Units), 2017-2022

Table 29. By Country - North America Absolute Optical Encoders Sales, (K Units), 2023-2028

Table 30. By Country - Europe Absolute Optical Encoders Revenue, (US\$, Mn), 2017-2022

Table 31. By Country - Europe Absolute Optical Encoders Revenue, (US\$, Mn), 2023-2028

Table 32. By Country - Europe Absolute Optical Encoders Sales, (K Units), 2017-2022

Table 33. By Country - Europe Absolute Optical Encoders Sales, (K Units), 2023-2028

Table 34. By Region - Asia Absolute Optical Encoders Revenue, (US\$, Mn), 2017-2022

Table 35. By Region - Asia Absolute Optical Encoders Revenue, (US\$, Mn), 2023-2028

Table 36. By Region - Asia Absolute Optical Encoders Sales, (K Units), 2017-2022

Table 37. By Region - Asia Absolute Optical Encoders Sales, (K Units), 2023-2028

Table 38. By Country - South America Absolute Optical Encoders Revenue, (US\$, Mn), 2017-2022

Table 39. By Country - South America Absolute Optical Encoders Revenue, (US\$, Mn), 2023-2028

Table 40. By Country - South America Absolute Optical Encoders Sales, (K Units), 2017-2022

Table 41. By Country - South America Absolute Optical Encoders Sales, (K Units), 2023-2028

Table 42. By Country - Middle East & Africa Absolute Optical Encoders Revenue, (US\$, Mn), 2017-2022

Table 43. By Country - Middle East & Africa Absolute Optical Encoders Revenue, (US\$, Mn), 2023-2028

Table 44. By Country - Middle East & Africa Absolute Optical Encoders Sales, (K Units), 2017-2022

Table 45. By Country - Middle East & Africa Absolute Optical Encoders Sales, (K Units), 2023-2028

Table 46. Broadcom Corporate Summary

Table 47. Broadcom Absolute Optical Encoders Product Offerings

Table 48. Broadcom Absolute Optical Encoders Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 49. BEI Sensors Corporate Summary

Table 50. BEI Sensors Absolute Optical Encoders Product Offerings

Table 51. BEI Sensors Absolute Optical Encoders Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 52. Renishaw Corporate Summary

Table 53. Renishaw Absolute Optical Encoders Product Offerings

Table 54. Renishaw Absolute Optical Encoders Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 55. Dynapar Corporate Summary

Table 56. Dynapar Absolute Optical Encoders Product Offerings

Table 57. Dynapar Absolute Optical Encoders Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 58. Baumer Group Corporate Summary

Table 59. Baumer Group Absolute Optical Encoders Product Offerings

Table 60. Baumer Group Absolute Optical Encoders Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 61. Tamagawa Corporate Summary

Table 62. Tamagawa Absolute Optical Encoders Product Offerings

Table 63. Tamagawa Absolute Optical Encoders Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 64. Allied Motion Corporate Summary

Table 65. Allied Motion Absolute Optical Encoders Product Offerings

Table 66. Allied Motion Absolute Optical Encoders Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 67. EPC Corporate Summary

Table 68. EPC Absolute Optical Encoders Product Offerings

Table 69. EPC Absolute Optical Encoders Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 70. CUI Corporate Summary

Table 71. CUI Absolute Optical Encoders Product Offerings

Table 72. CUI Absolute Optical Encoders Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 73. Omron Corporate Summary

Table 74. Omron Absolute Optical Encoders Product Offerings

Table 75. Omron Absolute Optical Encoders Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 76. Heidenhain Corporate Summary

Table 77. Heidenhain Absolute Optical Encoders Product Offerings

Table 78. Heidenhain Absolute Optical Encoders Sales (K Units), Revenue (US\$, Mn)

and Average Price (US\$/Unit) (2017-2022)

Table 79. Bourns Corporate Summary

Table 80. Bourns Absolute Optical Encoders Product Offerings

Table 81. Bourns Absolute Optical Encoders Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 82. Grayhill Corporate Summary

Table 83. Grayhill Absolute Optical Encoders Product Offerings

Table 84. Grayhill Absolute Optical Encoders Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 85. Gurley Corporate Summary

Table 86. Gurley Absolute Optical Encoders Product Offerings

Table 87. Gurley Absolute Optical Encoders Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 88. Honeywell Corporate Summary

Table 89. Honeywell Absolute Optical Encoders Product Offerings

Table 90. Honeywell Absolute Optical Encoders Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 91. Honest Sensor Corporation Corporate Summary

Table 92. Honest Sensor Corporation Absolute Optical Encoders Product Offerings

Table 93. Honest Sensor Corporation Absolute Optical Encoders Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 94. HONTKO Corporate Summary

Table 95. HONTKO Absolute Optical Encoders Product Offerings

Table 96. HONTKO Absolute Optical Encoders Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 97. Yuheng Optics Corporate Summary

Table 98. Yuheng Optics Absolute Optical Encoders Product Offerings

Table 99. Yuheng Optics Absolute Optical Encoders Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 100. Absolute Optical Encoders Production Capacity (K Units) of Key Manufacturers in Global Market, 2020-2022 (K Units)

Table 101. Global Absolute Optical Encoders Capacity Market Share of Key Manufacturers, 2020-2022

Table 102. Global Absolute Optical Encoders Production by Region, 2017-2022 (K Units)

Table 103. Global Absolute Optical Encoders Production by Region, 2023-2028 (K Units)

Table 104. Absolute Optical Encoders Market Opportunities & Trends in Global Market

Table 105. Absolute Optical Encoders Market Drivers in Global Market

Table 106. Absolute Optical Encoders Market Restraints in Global Market

Table 107. Absolute Optical Encoders Raw Materials

Table 108. Absolute Optical Encoders Raw Materials Suppliers in Global Market

Table 109. Typical Absolute Optical Encoders Downstream

Table 110. Absolute Optical Encoders Downstream Clients in Global Market

Table 111. Absolute Optical Encoders Distributors and Sales Agents in Global Market

List Of Figures

LIST OF FIGURES

Figure 1. Absolute Optical Encoders Segment by Type

Figure 2. Absolute Optical Encoders Segment by Application

Figure 3. Global Absolute Optical Encoders Market Overview: 2021

Figure 4. Key Caveats

Figure 5. Global Absolute Optical Encoders Market Size: 2021 VS 2028 (US\$, Mn)

Figure 6. Global Absolute Optical Encoders Revenue, 2017-2028 (US\$, Mn)

Figure 7. Absolute Optical Encoders Sales in Global Market: 2017-2028 (K Units)

Figure 8. The Top 3 and 5 Players Market Share by Absolute Optical Encoders Revenue in 2021

Figure 9. By Type - Global Absolute Optical Encoders Sales Market Share, 2017-2028

Figure 10. By Type - Global Absolute Optical Encoders Revenue Market Share, 2017-2028

Figure 11. By Type - Global Absolute Optical Encoders Price (US\$/Unit), 2017-2028

Figure 12. By Application - Global Absolute Optical Encoders Sales Market Share, 2017-2028

Figure 13. By Application - Global Absolute Optical Encoders Revenue Market Share, 2017-2028

Figure 14. By Application - Global Absolute Optical Encoders Price (US\$/Unit), 2017-2028

Figure 15. By Region - Global Absolute Optical Encoders Sales Market Share, 2017-2028

Figure 16. By Region - Global Absolute Optical Encoders Revenue Market Share, 2017-2028

Figure 17. By Country - North America Absolute Optical Encoders Revenue Market Share, 2017-2028

Figure 18. By Country - North America Absolute Optical Encoders Sales Market Share, 2017-2028

Figure 19. US Absolute Optical Encoders Revenue, (US\$, Mn), 2017-2028

Figure 20. Canada Absolute Optical Encoders Revenue, (US\$, Mn), 2017-2028

Figure 21. Mexico Absolute Optical Encoders Revenue, (US\$, Mn), 2017-2028

Figure 22. By Country - Europe Absolute Optical Encoders Revenue Market Share, 2017-2028

Figure 23. By Country - Europe Absolute Optical Encoders Sales Market Share, 2017-2028

Figure 24. Germany Absolute Optical Encoders Revenue, (US\$, Mn), 2017-2028

- Figure 25. France Absolute Optical Encoders Revenue, (US\$, Mn), 2017-2028
- Figure 26. U.K. Absolute Optical Encoders Revenue, (US\$, Mn), 2017-2028
- Figure 27. Italy Absolute Optical Encoders Revenue, (US\$, Mn), 2017-2028
- Figure 28. Russia Absolute Optical Encoders Revenue, (US\$, Mn), 2017-2028
- Figure 29. Nordic Countries Absolute Optical Encoders Revenue, (US\$, Mn), 2017-2028
- Figure 30. Benelux Absolute Optical Encoders Revenue, (US\$, Mn), 2017-2028
- Figure 31. By Region - Asia Absolute Optical Encoders Revenue Market Share, 2017-2028
- Figure 32. By Region - Asia Absolute Optical Encoders Sales Market Share, 2017-2028
- Figure 33. China Absolute Optical Encoders Revenue, (US\$, Mn), 2017-2028
- Figure 34. Japan Absolute Optical Encoders Revenue, (US\$, Mn), 2017-2028
- Figure 35. South Korea Absolute Optical Encoders Revenue, (US\$, Mn), 2017-2028
- Figure 36. Southeast Asia Absolute Optical Encoders Revenue, (US\$, Mn), 2017-2028
- Figure 37. India Absolute Optical Encoders Revenue, (US\$, Mn), 2017-2028
- Figure 38. By Country - South America Absolute Optical Encoders Revenue Market Share, 2017-2028
- Figure 39. By Country - South America Absolute Optical Encoders Sales Market Share, 2017-2028
- Figure 40. Brazil Absolute Optical Encoders Revenue, (US\$, Mn), 2017-2028
- Figure 41. Argentina Absolute Optical Encoders Revenue, (US\$, Mn), 2017-2028
- Figure 42. By Country - Middle East & Africa Absolute Optical Encoders Revenue Market Share, 2017-2028
- Figure 43. By Country - Middle East & Africa Absolute Optical Encoders Sales Market Share, 2017-2028
- Figure 44. Turkey Absolute Optical Encoders Revenue, (US\$, Mn), 2017-2028
- Figure 45. Israel Absolute Optical Encoders Revenue, (US\$, Mn), 2017-2028
- Figure 46. Saudi Arabia Absolute Optical Encoders Revenue, (US\$, Mn), 2017-2028
- Figure 47. UAE Absolute Optical Encoders Revenue, (US\$, Mn), 2017-2028
- Figure 48. Global Absolute Optical Encoders Production Capacity (K Units), 2017-2028
- Figure 49. The Percentage of Production Absolute Optical Encoders by Region, 2021 VS 2028
- Figure 50. Absolute Optical Encoders Industry Value Chain
- Figure 51. Marketing Channels

I would like to order

Product name: Absolute Optical Encoders Market, Global Outlook and Forecast 2022-2028

Product link: <https://marketpublishers.com/r/A8C284DCE5C1EN.html>

Price: US\$ 3,250.00 (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/A8C284DCE5C1EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970