

# **Global Optical Encoder Market Growth 2022-2028**

https://marketpublishers.com/r/G8A92F4AC953EN.html Date: January 2022 Pages: 124 Price: US\$ 3,660.00 (Single User License) ID: G8A92F4AC953EN

# **Abstracts**

The report requires updating with new data and is sent in 48 hours after order is placed.

As the global economy mends, the 2021 growth of Optical Encoder will have significant change from previous year. According to our (LP Information) latest study, the global Optical Encoder market size is USD million in 2022 from USD 1303.6 million in 2021, with a change of % between 2021 and 2022. The global Optical Encoder market size will reach USD 1526.7 million in 2028, growing at a CAGR of 2.3% over the analysis period.

The United States Optical Encoder market is expected at value of US\$ million in 2021 and grow at approximately % CAGR during review period. China constitutes a % market for the global Optical Encoder market, reaching US\$ million by the year 2028. As for the Europe Optical Encoder landscape, Germany is projected to reach US\$ million by 2028 trailing a CAGR of % over the forecast period. In APAC, the growth rates of other notable markets (Japan and South Korea) are projected to be at % and % respectively for the next 5-year period.

Global main Optical Encoder players cover Broadcom, BEI Sensors, Renishaw, and Hengstler, etc. In terms of revenue, the global largest two companies occupy a share nearly % in 2021.

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

Segmentation by type: breakdown data from 2017 to 2022, in Section 2.3; and forecast to 2028 in section 12.6



**Incremental Encoders** 

Absolute Encoders

Segmentation by application: breakdown data from 2017 to 2022, in Section 2.4; and forecast to 2028 in section 12.7.

Healthcare

Machine tool

**Consumer Electronics** 

Assembly equipment

Other

This report also splits the market by region: Breakdown data in Chapter 4, 5, 6, 7 and 8.

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 report also presents the market competition landscape and a corresponding detailed analysis of the prominent manufacturers in this market, 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 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

### **2 EXECUTIVE SUMMARY**

- 2.1 World Market Overview
  - 2.1.1 Global Optical Encoder Annual Sales 2017-2028
- 2.1.2 World Current & Future Analysis for Optical Encoder by Geographic Region,
- 2017, 2022 & 2028

2.1.3 World Current & Future Analysis for Optical Encoder by Country/Region, 2017, 2022 & 2028

- 2.2 Optical Encoder Segment by Type
  - 2.2.1 Incremental Encoders
  - 2.2.2 Absolute Encoders
- 2.3 Optical Encoder Sales by Type
  - 2.3.1 Global Optical Encoder Sales Market Share by Type (2017-2022)
  - 2.3.2 Global Optical Encoder Revenue and Market Share by Type (2017-2022)
- 2.3.3 Global Optical Encoder Sale Price by Type (2017-2022)
- 2.4 Optical Encoder 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 Other
- 2.5 Optical Encoder Sales by Application
  - 2.5.1 Global Optical Encoder Sale Market Share by Application (2017-2022)
  - 2.5.2 Global Optical Encoder Revenue and Market Share by Application (2017-2022)
  - 2.5.3 Global Optical Encoder Sale Price by Application (2017-2022)

#### **3 GLOBAL OPTICAL ENCODER BY COMPANY**



- 3.1 Global Optical Encoder Breakdown Data by Company
- 3.1.1 Global Optical Encoder Annual Sales by Company (2020-2022)
- 3.1.2 Global Optical Encoder Sales Market Share by Company (2020-2022)
- 3.2 Global Optical Encoder Annual Revenue by Company (2020-2022)
- 3.2.1 Global Optical Encoder Revenue by Company (2020-2022)
- 3.2.2 Global Optical Encoder Revenue Market Share by Company (2020-2022)
- 3.3 Global Optical Encoder Sale Price by Company

3.4 Key Manufacturers Optical Encoder Producing Area Distribution, Sales Area, Product Type

- 3.4.1 Key Manufacturers Optical Encoder Product Location Distribution
- 3.4.2 Players Optical Encoder Products Offered
- 3.5 Market Concentration Rate Analysis
- 3.5.1 Competition Landscape Analysis
- 3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2020-2022)
- 3.6 New Products and Potential Entrants
- 3.7 Mergers & Acquisitions, Expansion

## 4 WORLD HISTORIC REVIEW FOR OPTICAL ENCODER BY GEOGRAPHIC REGION

- 4.1 World Historic Optical Encoder Market Size by Geographic Region (2017-2022)
- 4.1.1 Global Optical Encoder Annual Sales by Geographic Region (2017-2022)
- 4.1.2 Global Optical Encoder Annual Revenue by Geographic Region
- 4.2 World Historic Optical Encoder Market Size by Country/Region (2017-2022)
- 4.2.1 Global Optical Encoder Annual Sales by Country/Region (2017-2022)
- 4.2.2 Global Optical Encoder Annual Revenue by Country/Region
- 4.3 Americas Optical Encoder Sales Growth
- 4.4 APAC Optical Encoder Sales Growth
- 4.5 Europe Optical Encoder Sales Growth
- 4.6 Middle East & Africa Optical Encoder Sales Growth

## **5 AMERICAS**

- 5.1 Americas Optical Encoder Sales by Country
- 5.1.1 Americas Optical Encoder Sales by Country (2017-2022)
- 5.1.2 Americas Optical Encoder Revenue by Country (2017-2022)
- 5.2 Americas Optical Encoder Sales by Type
- 5.3 Americas Optical Encoder Sales by Application



- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

## 6 APAC

- 6.1 APAC Optical Encoder Sales by Region
- 6.1.1 APAC Optical Encoder Sales by Region (2017-2022)
- 6.1.2 APAC Optical Encoder Revenue by Region (2017-2022)
- 6.2 APAC Optical Encoder Sales by Type
- 6.3 APAC Optical Encoder Sales by Application
- 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 Optical Encoder by Country
- 7.1.1 Europe Optical Encoder Sales by Country (2017-2022)
- 7.1.2 Europe Optical Encoder Revenue by Country (2017-2022)
- 7.2 Europe Optical Encoder Sales by Type
- 7.3 Europe Optical Encoder Sales by Application
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

## 8 MIDDLE EAST & AFRICA

- 8.1 Middle East & Africa Optical Encoder by Country
  - 8.1.1 Middle East & Africa Optical Encoder Sales by Country (2017-2022)
  - 8.1.2 Middle East & Africa Optical Encoder Revenue by Country (2017-2022)
- 8.2 Middle East & Africa Optical Encoder Sales by Type



#### 8.3 Middle East & Africa Optical Encoder Sales by Application

- 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 Optical Encoder
- 10.3 Manufacturing Process Analysis of Optical Encoder
- 10.4 Industry Chain Structure of Optical Encoder

## 11 MARKETING, DISTRIBUTORS AND CUSTOMER

- 11.1 Sales Channel
  - 11.1.1 Direct Channels
- 11.1.2 Indirect Channels
- 11.2 Optical Encoder Distributors
- 11.3 Optical Encoder Customer

## 12 WORLD FORECAST REVIEW FOR OPTICAL ENCODER BY GEOGRAPHIC REGION

- 12.1 Global Optical Encoder Market Size Forecast by Region
- 12.1.1 Global Optical Encoder Forecast by Region (2023-2028)
- 12.1.2 Global Optical Encoder Annual Revenue Forecast by Region (2023-2028)
- 12.2 Americas Forecast by Country
- 12.3 APAC Forecast by Region
- 12.4 Europe Forecast by Country
- 12.5 Middle East & Africa Forecast by Country
- 12.6 Global Optical Encoder Forecast by Type



12.7 Global Optical Encoder Forecast by Application

#### **13 KEY PLAYERS ANALYSIS**

13.1 Broadcom

- 13.1.1 Broadcom Company Information
- 13.1.2 Broadcom Optical Encoder Product Offered
- 13.1.3 Broadcom Optical Encoder Sales, Revenue, Price and Gross Margin (2020-2022)
- 13.1.4 Broadcom Main Business Overview
- 13.1.5 Broadcom Latest Developments
- 13.2 BEI Sensors
- 13.2.1 BEI Sensors Company Information
- 13.2.2 BEI Sensors Optical Encoder Product Offered
- 13.2.3 BEI Sensors Optical Encoder Sales, Revenue, Price and Gross Margin (2020-2022)
- 13.2.4 BEI Sensors Main Business Overview
- 13.2.5 BEI Sensors Latest Developments
- 13.3 Renishaw
- 13.3.1 Renishaw Company Information
- 13.3.2 Renishaw Optical Encoder Product Offered
- 13.3.3 Renishaw Optical Encoder Sales, Revenue, Price and Gross Margin (2020-2022)
- 13.3.4 Renishaw Main Business Overview
- 13.3.5 Renishaw Latest Developments
- 13.4 Hengstler
- 13.4.1 Hengstler Company Information
- 13.4.2 Hengstler Optical Encoder Product Offered
- 13.4.3 Hengstler Optical Encoder Sales, Revenue, Price and Gross Margin

(2020-2022)

- 13.4.4 Hengstler Main Business Overview
- 13.4.5 Hengstler Latest Developments
- 13.5 Dynapar
- 13.5.1 Dynapar Company Information
- 13.5.2 Dynapar Optical Encoder Product Offered
- 13.5.3 Dynapar Optical Encoder Sales, Revenue, Price and Gross Margin (2020-2022)
- 13.5.4 Dynapar Main Business Overview
- 13.5.5 Dynapar Latest Developments
- 13.6 Baumer Group





- 13.6.1 Baumer Group Company Information
- 13.6.2 Baumer Group Optical Encoder Product Offered

13.6.3 Baumer Group Optical Encoder Sales, Revenue, Price and Gross Margin (2020-2022)

13.6.4 Baumer Group Main Business Overview

13.6.5 Baumer Group Latest Developments

13.7 Tokyo Sokuteikizai

- 13.7.1 Tokyo Sokuteikizai Company Information
- 13.7.2 Tokyo Sokuteikizai Optical Encoder Product Offered

13.7.3 Tokyo Sokuteikizai Optical Encoder Sales, Revenue, Price and Gross Margin (2020-2022)

- 13.7.4 Tokyo Sokuteikizai Main Business Overview
- 13.7.5 Tokyo Sokuteikizai Latest Developments

13.8 CTS

- 13.8.1 CTS Company Information
- 13.8.2 CTS Optical Encoder Product Offered
- 13.8.3 CTS Optical Encoder Sales, Revenue, Price and Gross Margin (2020-2022)
- 13.8.4 CTS Main Business Overview
- 13.8.5 CTS Latest Developments

13.9 Allied Motion

- 13.9.1 Allied Motion Company Information
- 13.9.2 Allied Motion Optical Encoder Product Offered

13.9.3 Allied Motion Optical Encoder Sales, Revenue, Price and Gross Margin (2020-2022)

- 13.9.4 Allied Motion Main Business Overview
- 13.9.5 Allied Motion Latest Developments
- 13.10 EPC
- 13.10.1 EPC Company Information
- 13.10.2 EPC Optical Encoder Product Offered
- 13.10.3 EPC Optical Encoder Sales, Revenue, Price and Gross Margin (2020-2022)
- 13.10.4 EPC Main Business Overview
- 13.10.5 EPC Latest Developments

13.11 US Digital

- 13.11.1 US Digital Company Information
- 13.11.2 US Digital Optical Encoder Product Offered
- 13.11.3 US Digital Optical Encoder Sales, Revenue, Price and Gross Margin (2020-2022)
- 13.11.4 US Digital Main Business Overview
- 13.11.5 US Digital Latest Developments



#### 13.12 CUI

- 13.12.1 CUI Company Information
- 13.12.2 CUI Optical Encoder Product Offered
- 13.12.3 CUI Optical Encoder Sales, Revenue, Price and Gross Margin (2020-2022)
- 13.12.4 CUI Main Business Overview
- 13.12.5 CUI Latest Developments

### 13.13 Omron

- 13.13.1 Omron Company Information
- 13.13.2 Omron Optical Encoder Product Offered
- 13.13.3 Omron Optical Encoder Sales, Revenue, Price and Gross Margin (2020-2022)
- 13.13.4 Omron Main Business Overview
- 13.13.5 Omron Latest Developments
- 13.14 Heidenhain
- 13.14.1 Heidenhain Company Information
- 13.14.2 Heidenhain Optical Encoder Product Offered
- 13.14.3 Heidenhain Optical Encoder Sales, Revenue, Price and Gross Margin

(2020-2022)

- 13.14.4 Heidenhain Main Business Overview
- 13.14.5 Heidenhain Latest Developments
- 13.15 Bourns
- 13.15.1 Bourns Company Information
- 13.15.2 Bourns Optical Encoder Product Offered
- 13.15.3 Bourns Optical Encoder Sales, Revenue, Price and Gross Margin (2020-2022)
- 13.15.4 Bourns Main Business Overview
- 13.15.5 Bourns Latest Developments

13.16 Grayhill

- 13.16.1 Grayhill Company Information
- 13.16.2 Grayhill Optical Encoder Product Offered
- 13.16.3 Grayhill Optical Encoder Sales, Revenue, Price and Gross Margin

(2020-2022)

- 13.16.4 Grayhill Main Business Overview
- 13.16.5 Grayhill Latest Developments
- 13.17 Gurley
- 13.17.1 Gurley Company Information
- 13.17.2 Gurley Optical Encoder Product Offered
- 13.17.3 Gurley Optical Encoder Sales, Revenue, Price and Gross Margin (2020-2022)
- 13.17.4 Gurley Main Business Overview
- 13.17.5 Gurley Latest Developments
- 13.18 Honeywell



13.18.1 Honeywell Company Information

13.18.2 Honeywell Optical Encoder Product Offered

13.18.3 Honeywell Optical Encoder Sales, Revenue, Price and Gross Margin (2020-2022)

13.18.4 Honeywell Main Business Overview

13.18.5 Honeywell Latest Developments

13.19 Honest Sensor Corporation

13.19.1 Honest Sensor Corporation Company Information

13.19.2 Honest Sensor Corporation Optical Encoder Product Offered

13.19.3 Honest Sensor Corporation Optical Encoder Sales, Revenue, Price and Gross Margin (2020-2022)

13.19.4 Honest Sensor Corporation Main Business Overview

13.19.5 Honest Sensor Corporation Latest Developments

13.20 HONTKO

13.20.1 HONTKO Company Information

13.20.2 HONTKO Optical Encoder Product Offered

13.20.3 HONTKO Optical Encoder Sales, Revenue, Price and Gross Margin

(2020-2022)

13.20.4 HONTKO Main Business Overview

13.20.5 HONTKO Latest Developments

13.21 Yuheng Optics

13.21.1 Yuheng Optics Company Information

13.21.2 Yuheng Optics Optical Encoder Product Offered

13.21.3 Yuheng Optics Optical Encoder Sales, Revenue, Price and Gross Margin (2020-2022)

13.21.4 Yuheng Optics Main Business Overview

13.21.5 Yuheng Optics Latest Developments

## 14 RESEARCH FINDINGS AND CONCLUSION



# **List Of Tables**

#### LIST OF TABLES

Table 1. Optical Encoder Annual Sales CAGR by Geographic Region (2017, 2022 & 2028) & (\$ millions) Table 2. Optical Encoder Annual Sales CAGR by Country/Region (2017, 2022 & 2028) & (\$ millions) Table 3. Major Players of Incremental Encoders Table 4. Major Players of Absolute Encoders Table 5. Global Optical Encoder Sales by Type (2017-2022) & (K Units) Table 6. Global Optical Encoder Sales Market Share by Type (2017-2022) Table 7. Global Optical Encoder Revenue by Type (2017-2022) & (\$ million) Table 8. Global Optical Encoder Revenue Market Share by Type (2017-2022) Table 9. Global Optical Encoder Sale Price by Type (2017-2022) & (USD/Unit) Table 10. Global Optical Encoder Sales by Application (2017-2022) & (K Units) Table 11. Global Optical Encoder Sales Market Share by Application (2017-2022) Table 12. Global Optical Encoder Revenue by Application (2017-2022) Table 13. Global Optical Encoder Revenue Market Share by Application (2017-2022) Table 14. Global Optical Encoder Sale Price by Application (2017-2022) & (USD/Unit) Table 15. Global Optical Encoder Sales by Company (2020-2022) & (K Units) Table 16. Global Optical Encoder Sales Market Share by Company (2020-2022) Table 17. Global Optical Encoder Revenue by Company (2020-2022) (\$ Millions) Table 18. Global Optical Encoder Revenue Market Share by Company (2020-2022) Table 19. Global Optical Encoder Sale Price by Company (2020-2022) & (USD/Unit) Table 20. Key Manufacturers Optical Encoder Producing Area Distribution and Sales Area Table 21. Players Optical Encoder Products Offered Table 22. Optical Encoder Concentration Ratio (CR3, CR5 and CR10) & (2020-2022) Table 23. New Products and Potential Entrants Table 24. Mergers & Acquisitions, Expansion Table 25. Global Optical Encoder Sales by Geographic Region (2017-2022) & (K Units) Table 26. Global Optical Encoder Sales Market Share Geographic Region (2017-2022) Table 27. Global Optical Encoder Revenue by Geographic Region (2017-2022) & (\$ millions) Table 28. Global Optical Encoder Revenue Market Share by Geographic Region (2017 - 2022)Table 29. Global Optical Encoder Sales by Country/Region (2017-2022) & (K Units) Table 30. Global Optical Encoder Sales Market Share by Country/Region (2017-2022)



Table 31. Global Optical Encoder Revenue by Country/Region (2017-2022) & (\$ millions)

Table 32. Global Optical Encoder Revenue Market Share by Country/Region (2017-2022)

Table 33. Americas Optical Encoder Sales by Country (2017-2022) & (K Units) Table 34. Americas Optical Encoder Sales Market Share by Country (2017-2022) Table 35. Americas Optical Encoder Revenue by Country (2017-2022) & (\$ Millions) Table 36. Americas Optical Encoder Revenue Market Share by Country (2017-2022) Table 37. Americas Optical Encoder Sales by Type (2017-2022) & (K Units) Table 38. Americas Optical Encoder Sales Market Share by Type (2017-2022) Table 39. Americas Optical Encoder Sales by Application (2017-2022) & (K Units) Table 40. Americas Optical Encoder Sales Market Share by Application (2017-2022) Table 41. APAC Optical Encoder Sales by Region (2017-2022) & (K Units) Table 42. APAC Optical Encoder Sales Market Share by Region (2017-2022) Table 43. APAC Optical Encoder Revenue by Region (2017-2022) & (\$ Millions) Table 44. APAC Optical Encoder Revenue Market Share by Region (2017-2022) Table 45. APAC Optical Encoder Sales by Type (2017-2022) & (K Units) Table 46. APAC Optical Encoder Sales Market Share by Type (2017-2022) Table 47. APAC Optical Encoder Sales by Application (2017-2022) & (K Units) Table 48. APAC Optical Encoder Sales Market Share by Application (2017-2022) Table 49. Europe Optical Encoder Sales by Country (2017-2022) & (K Units) Table 50. Europe Optical Encoder Sales Market Share by Country (2017-2022) Table 51. Europe Optical Encoder Revenue by Country (2017-2022) & (\$ Millions) Table 52. Europe Optical Encoder Revenue Market Share by Country (2017-2022) Table 53. Europe Optical Encoder Sales by Type (2017-2022) & (K Units) Table 54. Europe Optical Encoder Sales Market Share by Type (2017-2022) Table 55. Europe Optical Encoder Sales by Application (2017-2022) & (K Units) Table 56. Europe Optical Encoder Sales Market Share by Application (2017-2022) Table 57. Middle East & Africa Optical Encoder Sales by Country (2017-2022) & (K Units) Table 58. Middle East & Africa Optical Encoder Sales Market Share by Country (2017 - 2022)Table 59. Middle East & Africa Optical Encoder Revenue by Country (2017-2022) & (\$ Millions) Table 60. Middle East & Africa Optical Encoder Revenue Market Share by Country (2017 - 2022)Table 61. Middle East & Africa Optical Encoder Sales by Type (2017-2022) & (K Units) Table 62. Middle East & Africa Optical Encoder Sales Market Share by Type (2017 - 2022)



Table 63. Middle East & Africa Optical Encoder Sales by Application (2017-2022) & (K Units)

Table 64. Middle East & Africa Optical Encoder Sales Market Share by Application (2017-2022)

Table 65. Key Market Drivers & Growth Opportunities of Optical Encoder

Table 66. Key Market Challenges & Risks of Optical Encoder

- Table 67. Key Industry Trends of Optical Encoder
- Table 68. Optical Encoder Raw Material
- Table 69. Key Suppliers of Raw Materials
- Table 70. Optical Encoder Distributors List
- Table 71. Optical Encoder Customer List
- Table 72. Global Optical Encoder Sales Forecast by Region (2023-2028) & (K Units)
- Table 73. Global Optical Encoder Sales Market Forecast by Region
- Table 74. Global Optical Encoder Revenue Forecast by Region (2023-2028) & (\$ millions)

Table 75. Global Optical Encoder Revenue Market Share Forecast by Region (2023-2028)

Table 76. Americas Optical Encoder Sales Forecast by Country (2023-2028) & (K Units)

Table 77. Americas Optical Encoder Revenue Forecast by Country (2023-2028) & (\$ millions)

Table 78. APAC Optical Encoder Sales Forecast by Region (2023-2028) & (K Units)

Table 79. APAC Optical Encoder Revenue Forecast by Region (2023-2028) & (\$ millions)

Table 80. Europe Optical Encoder Sales Forecast by Country (2023-2028) & (K Units)

Table 81. Europe Optical Encoder Revenue Forecast by Country (2023-2028) & (\$millions)

Table 82. Middle East & Africa Optical Encoder Sales Forecast by Country (2023-2028) & (K Units)

Table 83. Middle East & Africa Optical Encoder Revenue Forecast by Country(2023-2028) & (\$ millions)

Table 84. Global Optical Encoder Sales Forecast by Type (2023-2028) & (K Units)

 Table 85. Global Optical Encoder Sales Market Share Forecast by Type (2023-2028)

Table 86. Global Optical Encoder Revenue Forecast by Type (2023-2028) & (\$ Millions)

Table 87. Global Optical Encoder Revenue Market Share Forecast by Type (2023-2028)

Table 88. Global Optical Encoder Sales Forecast by Application (2023-2028) & (K Units)

Table 89. Global Optical Encoder Sales Market Share Forecast by Application (2023-2028)



Table 90. Global Optical Encoder Revenue Forecast by Application (2023-2028) & (\$ Millions)

Table 91. Global Optical Encoder Revenue Market Share Forecast by Application (2023-2028)

Table 92. Broadcom Basic Information, Optical Encoder Manufacturing Base, Sales Area and Its Competitors

Table 93. Broadcom Optical Encoder Product Offered

Table 94. Broadcom Optical Encoder Sales (K Units), Revenue (\$ Million), Price

- (USD/Unit) and Gross Margin (2020-2022)
- Table 95. Broadcom Main Business
- Table 96. Broadcom Latest Developments

Table 97. BEI Sensors Basic Information, Optical Encoder Manufacturing Base, Sales Area and Its Competitors

Table 98. BEI Sensors Optical Encoder Product Offered

Table 99. BEI Sensors Optical Encoder Sales (K Units), Revenue (\$ Million), Price

(USD/Unit) and Gross Margin (2020-2022)

- Table 100. BEI Sensors Main Business
- Table 101. BEI Sensors Latest Developments
- Table 102. Renishaw Basic Information, Optical Encoder Manufacturing Base, Sales

Area and Its Competitors

Table 103. Renishaw Optical Encoder Product Offered

Table 104. Renishaw Optical Encoder Sales (K Units), Revenue (\$ Million), Price

(USD/Unit) and Gross Margin (2020-2022)

- Table 105. Renishaw Main Business
- Table 106. Renishaw Latest Developments

Table 107. Hengstler Basic Information, Optical Encoder Manufacturing Base, Sales

Area and Its Competitors

Table 108. Hengstler Optical Encoder Product Offered

Table 109. Hengstler Optical Encoder Sales (K Units), Revenue (\$ Million), Price

(USD/Unit) and Gross Margin (2020-2022)

- Table 110. Hengstler Main Business
- Table 111. Hengstler Latest Developments

Table 112. Dynapar Basic Information, Optical Encoder Manufacturing Base, Sales Area and Its Competitors

Table 113. Dynapar Optical Encoder Product Offered

Table 114. Dynapar Optical Encoder Sales (K Units), Revenue (\$ Million), Price

(USD/Unit) and Gross Margin (2020-2022)

- Table 115. Dynapar Main Business
- Table 116. Dynapar Latest Developments



Table 117. Baumer Group Basic Information, Optical Encoder Manufacturing Base,

Sales Area and Its Competitors

Table 118. Baumer Group Optical Encoder Product Offered

Table 119. Baumer Group Optical Encoder Sales (K Units), Revenue (\$ Million), Price

(USD/Unit) and Gross Margin (2020-2022)

Table 120. Baumer Group Main Business

Table 121. Baumer Group Latest Developments

Table 122. Tokyo Sokuteikizai Basic Information, Optical Encoder Manufacturing Base, Sales Area and Its Competitors

Table 123. Tokyo Sokuteikizai Optical Encoder Product Offered

Table 124. Tokyo Sokuteikizai Optical Encoder Sales (K Units), Revenue (\$ Million),

Price (USD/Unit) and Gross Margin (2020-2022)

Table 125. Tokyo Sokuteikizai Main Business

Table 126. Tokyo Sokuteikizai Latest Developments

Table 127. CTS Basic Information, Optical Encoder Manufacturing Base, Sales Area and Its Competitors

Table 128. CTS Optical Encoder Product Offered

Table 129. CTS Optical Encoder Sales (K Units), Revenue (\$ Million), Price (USD/Unit)

and Gross Margin (2020-2022)

 Table 130. CTS Main Business

Table 131. CTS Latest Developments

Table 132. Allied Motion Basic Information, Optical Encoder Manufacturing Base, Sales Area and Its Competitors

Table 133. Allied Motion Optical Encoder Product Offered

Table 134. Allied Motion Optical Encoder Sales (K Units), Revenue (\$ Million), Price

(USD/Unit) and Gross Margin (2020-2022)

Table 135. Allied Motion Main Business

Table 136. Allied Motion Latest Developments

Table 137. EPC Basic Information, Optical Encoder Manufacturing Base, Sales Area and Its Competitors

Table 138. EPC Optical Encoder Product Offered

Table 139. EPC Optical Encoder Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2022)

Table 140. EPC Main Business

Table 141. EPC Latest Developments

Table 142. US Digital Basic Information, Optical Encoder Manufacturing Base, SalesArea and Its Competitors

Table 143. US Digital Optical Encoder Product Offered

Table 144. US Digital Optical Encoder Sales (K Units), Revenue (\$ Million), Price



(USD/Unit) and Gross Margin (2020-2022)

Table 145. US Digital Main Business

Table 146. US Digital Latest Developments

Table 147. CUI Basic Information, Optical Encoder Manufacturing Base, Sales Area and Its Competitors

Table 148. CUI Optical Encoder Product Offered

Table 149. CUI Optical Encoder Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2020-2022)

Table 150. CUI Main Business

Table 151. CUI Latest Developments

Table 152. Omron Basic Information, Optical Encoder Manufacturing Base, Sales Area and Its Competitors

Table 153. Omron Optical Encoder Product Offered

Table 154. Omron Optical Encoder Sales (K Units), Revenue (\$ Million), Price

- (USD/Unit) and Gross Margin (2020-2022)
- Table 155. Omron Main Business
- Table 156. Omron Latest Developments
- Table 157. Heidenhain Basic Information, Optical Encoder Manufacturing Base, Sales

Area and Its Competitors

Table 158. Heidenhain Optical Encoder Product Offered

Table 159. Heidenhain Optical Encoder Sales (K Units), Revenue (\$ Million), Price

(USD/Unit) and Gross Margin (2020-2022)

Table 160. Heidenhain Main Business

Table 161. Heidenhain Latest Developments

Table 162. Bourns Basic Information, Optical Encoder Manufacturing Base, Sales Area and Its Competitors

Table 163. Bourns Optical Encoder Product Offered

Table 164. Bourns Optical Encoder Sales (K Units), Revenue (\$ Million), Price

(USD/Unit) and Gross Margin (2020-2022)

- Table 165. Bourns Main Business
- Table 166. Bourns Latest Developments

Table 167. Grayhill Basic Information, Optical Encoder Manufacturing Base, Sales Area and Its Competitors

Table 168. Grayhill Optical Encoder Product Offered

Table 169. Grayhill Optical Encoder Sales (K Units), Revenue (\$ Million), Price

(USD/Unit) and Gross Margin (2020-2022)

- Table 170. Grayhill Main Business
- Table 171. Grayhill Latest Developments

Table 172. Gurley Basic Information, Optical Encoder Manufacturing Base, Sales Area,



and Its Competitors

Table 173. Gurley Optical Encoder Product Offered

Table 174. Gurley Optical Encoder Sales (K Units), Revenue (\$ Million), Price

(USD/Unit) and Gross Margin (2020-2022)

Table 175. Gurley Main Business

Table 176. Gurley Latest Developments

Table 177. Honeywell Basic Information, Optical Encoder Manufacturing Base, Sales Area and Its Competitors

Table 178. Honeywell Optical Encoder Product Offered

Table 179. Honeywell Optical Encoder Sales (K Units), Revenue (\$ Million), Price

(USD/Unit) and Gross Margin (2020-2022)

Table 180. Honeywell Main Business

Table 181. Honeywell Latest Developments

Table 182. Honest Sensor Corporation Basic Information, Optical Encoder

Manufacturing Base, Sales Area and Its Competitors

 Table 183. Honest Sensor Corporation Optical Encoder Product Offered

Table 184. Honest Sensor Corporation Optical Encoder Sales (K Units), Revenue (\$

Million), Price (USD/Unit) and Gross Margin (2020-2022)

Table 185. Honest Sensor Corporation Main Business

 Table 186. Honest Sensor Corporation Latest Developments

Table 187. HONTKO Basic Information, Optical Encoder Manufacturing Base, Sales Area and Its Competitors

Table 188. HONTKO Optical Encoder Product Offered

Table 189. HONTKO Optical Encoder Sales (K Units), Revenue (\$ Million), Price

(USD/Unit) and Gross Margin (2020-2022)

Table 190. HONTKO Main Business

Table 191. HONTKO Latest Developments

Table 192. Yuheng Optics Basic Information, Optical Encoder Manufacturing Base,

Sales Area and Its Competitors

Table 193. Yuheng Optics Optical Encoder Product Offered

Table 194. Yuheng Optics Optical Encoder Sales (K Units), Revenue (\$ Million), Price

(USD/Unit) and Gross Margin (2020-2022)

Table 195. Yuheng Optics Main Business

 Table 196. Yuheng Optics Latest Developments



# **List Of Figures**

#### LIST OF FIGURES

- Figure 1. Picture of Optical Encoder
- Figure 2. Optical Encoder Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Optical Encoder Sales Growth Rate 2017-2028 (K Units)
- Figure 7. Global Optical Encoder Revenue Growth Rate 2017-2028 (\$ Millions)
- Figure 8. Optical Encoder Sales by Region (2021 & 2028) & (\$ millions)
- Figure 9. Product Picture of Incremental Encoders
- Figure 10. Product Picture of Absolute Encoders
- Figure 11. Global Optical Encoder Sales Market Share by Type in 2021
- Figure 12. Global Optical Encoder Revenue Market Share by Type (2017-2022)
- Figure 13. Optical Encoder Consumed in Healthcare
- Figure 14. Global Optical Encoder Market: Healthcare (2017-2022) & (K Units)
- Figure 15. Optical Encoder Consumed in Machine tool
- Figure 16. Global Optical Encoder Market: Machine tool (2017-2022) & (K Units)
- Figure 17. Optical Encoder Consumed in Consumer Electronics
- Figure 18. Global Optical Encoder Market: Consumer Electronics (2017-2022) & (K Units)
- Figure 19. Optical Encoder Consumed in Assembly equipment
- Figure 20. Global Optical Encoder Market: Assembly equipment (2017-2022) & (K Units)
- Figure 21. Optical Encoder Consumed in Other
- Figure 22. Global Optical Encoder Market: Other (2017-2022) & (K Units)
- Figure 23. Global Optical Encoder Sales Market Share by Application (2017-2022)
- Figure 24. Global Optical Encoder Revenue Market Share by Application in 2021
- Figure 25. Optical Encoder Revenue Market by Company in 2021 (\$ Million)
- Figure 26. Global Optical Encoder Revenue Market Share by Company in 2021

Figure 27. Global Optical Encoder Sales Market Share by Geographic Region (2017-2022)

- Figure 28. Global Optical Encoder Revenue Market Share by Geographic Region in 2021
- Figure 29. Global Optical Encoder Sales Market Share by Region (2017-2022)
- Figure 30. Global Optical Encoder Revenue Market Share by Country/Region in 2021
- Figure 31. Americas Optical Encoder Sales 2017-2022 (K Units)



Figure 32. Americas Optical Encoder Revenue 2017-2022 (\$ Millions) Figure 33. APAC Optical Encoder Sales 2017-2022 (K Units) Figure 34. APAC Optical Encoder Revenue 2017-2022 (\$ Millions) Figure 35. Europe Optical Encoder Sales 2017-2022 (K Units) Figure 36. Europe Optical Encoder Revenue 2017-2022 (\$ Millions) Figure 37. Middle East & Africa Optical Encoder Sales 2017-2022 (K Units) Figure 38. Middle East & Africa Optical Encoder Revenue 2017-2022 (\$ Millions) Figure 39. Americas Optical Encoder Sales Market Share by Country in 2021 Figure 40. Americas Optical Encoder Revenue Market Share by Country in 2021 Figure 41. United States Optical Encoder Revenue Growth 2017-2022 (\$ Millions) Figure 42. Canada Optical Encoder Revenue Growth 2017-2022 (\$ Millions) Figure 43. Mexico Optical Encoder Revenue Growth 2017-2022 (\$ Millions) Figure 44. Brazil Optical Encoder Revenue Growth 2017-2022 (\$ Millions) Figure 45. APAC Optical Encoder Sales Market Share by Region in 2021 Figure 46. APAC Optical Encoder Revenue Market Share by Regions in 2021 Figure 47. China Optical Encoder Revenue Growth 2017-2022 (\$ Millions) Figure 48. Japan Optical Encoder Revenue Growth 2017-2022 (\$ Millions) Figure 49. South Korea Optical Encoder Revenue Growth 2017-2022 (\$ Millions) Figure 50. Southeast Asia Optical Encoder Revenue Growth 2017-2022 (\$ Millions) Figure 51. India Optical Encoder Revenue Growth 2017-2022 (\$ Millions) Figure 52. Australia Optical Encoder Revenue Growth 2017-2022 (\$ Millions) Figure 53. Europe Optical Encoder Sales Market Share by Country in 2021 Figure 54. Europe Optical Encoder Revenue Market Share by Country in 2021 Figure 55. Germany Optical Encoder Revenue Growth 2017-2022 (\$ Millions) Figure 56. France Optical Encoder Revenue Growth 2017-2022 (\$ Millions) Figure 57. UK Optical Encoder Revenue Growth 2017-2022 (\$ Millions) Figure 58. Italy Optical Encoder Revenue Growth 2017-2022 (\$ Millions) Figure 59. Russia Optical Encoder Revenue Growth 2017-2022 (\$ Millions) Figure 60. Middle East & Africa Optical Encoder Sales Market Share by Country in 2021 Figure 61. Middle East & Africa Optical Encoder Revenue Market Share by Country in 2021 Figure 62. Egypt Optical Encoder Revenue Growth 2017-2022 (\$ Millions) Figure 63. South Africa Optical Encoder Revenue Growth 2017-2022 (\$ Millions) Figure 64. Israel Optical Encoder Revenue Growth 2017-2022 (\$ Millions) Figure 65. Turkey Optical Encoder Revenue Growth 2017-2022 (\$ Millions) Figure 66. GCC Country Optical Encoder Revenue Growth 2017-2022 (\$ Millions) Figure 67. Manufacturing Cost Structure Analysis of Optical Encoder in 2021 Figure 68. Manufacturing Process Analysis of Optical Encoder Figure 69. Industry Chain Structure of Optical Encoder



Figure 70. Channels of Distribution Figure 71. Distributors Profiles



### I would like to order

Product name: Global Optical Encoder Market Growth 2022-2028 Product link: https://marketpublishers.com/r/G8A92F4AC953EN.html Price: US\$ 3,660.00 (Single User License / Electronic Delivery) If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <u>https://marketpublishers.com/r/G8A92F4AC953EN.html</u>

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

Custumer signature \_\_\_\_\_

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

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