

Global Single-turn Optical Encoder Market Growth 2024-2030

<https://marketpublishers.com/r/G0773A6A9372EN.html>

Date: April 2024

Pages: 115

Price: US\$ 3,660.00 (Single User License)

ID: G0773A6A9372EN

Abstracts

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

The global Single-turn Optical Encoder market size is projected to grow from US\$ million in 2023 to US\$ million in 2030; it is expected to grow at a CAGR of % from 2024 to 2030.

LP Information, Inc. (LPI) ' newest research report, the “Single-turn Optical Encoder Industry Forecast” looks at past sales and reviews total world Single-turn Optical Encoder sales in 2023, providing a comprehensive analysis by region and market sector of projected Single-turn Optical Encoder sales for 2024 through 2030. With Single-turn Optical Encoder sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Single-turn Optical Encoder industry.

This Insight Report provides a comprehensive analysis of the global Single-turn Optical Encoder landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Single-turn Optical Encoder portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Single-turn Optical Encoder market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Single-turn Optical Encoder and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up

qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Single-turn Optical Encoder.

United States market for Single-turn Optical Encoder is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

China market for Single-turn Optical Encoder is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Europe market for Single-turn Optical Encoder is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Global key Single-turn Optical Encoder players cover Renishaw, Heidenhain, Dynapar, Broadcom and Sick AG, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2023.

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

Segmentation by type

Linear Encoder

Rotary Encoder

Segmentation by application

Automated Industry

CNC Machine Tool

Robot

Precision Measuring Equipment

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

Renishaw

Heidenhain

Dynapar

Broadcom

Sick AG

Baumer

Lika Electronic

Leine Linde

Pepperl+Fuchs

Hengstler

Tamagawa Europe GmbH

Key Questions Addressed in this Report

What is the 10-year outlook for the global Single-turn Optical Encoder market?

What factors are driving Single-turn Optical Encoder market growth, globally and by region?

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

How do Single-turn Optical Encoder market opportunities vary by end market size?

How does Single-turn Optical Encoder break out type, application?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global Single-turn Optical Encoder Annual Sales 2019-2030
 - 2.1.2 World Current & Future Analysis for Single-turn Optical Encoder by Geographic Region, 2019, 2023 & 2030
 - 2.1.3 World Current & Future Analysis for Single-turn Optical Encoder by Country/Region, 2019, 2023 & 2030
- 2.2 Single-turn Optical Encoder Segment by Type
 - 2.2.1 Linear Encoder
 - 2.2.2 Rotary Encoder
- 2.3 Single-turn Optical Encoder Sales by Type
 - 2.3.1 Global Single-turn Optical Encoder Sales Market Share by Type (2019-2024)
 - 2.3.2 Global Single-turn Optical Encoder Revenue and Market Share by Type (2019-2024)
 - 2.3.3 Global Single-turn Optical Encoder Sale Price by Type (2019-2024)
- 2.4 Single-turn Optical Encoder Segment by Application
 - 2.4.1 Automated Industry
 - 2.4.2 CNC Machine Tool
 - 2.4.3 Robot
 - 2.4.4 Precision Measuring Equipment
 - 2.4.5 Others
- 2.5 Single-turn Optical Encoder Sales by Application
 - 2.5.1 Global Single-turn Optical Encoder Sale Market Share by Application (2019-2024)
 - 2.5.2 Global Single-turn Optical Encoder Revenue and Market Share by Application

(2019-2024)

2.5.3 Global Single-turn Optical Encoder Sale Price by Application (2019-2024)

3 GLOBAL SINGLE-TURN OPTICAL ENCODER BY COMPANY

3.1 Global Single-turn Optical Encoder Breakdown Data by Company

3.1.1 Global Single-turn Optical Encoder Annual Sales by Company (2019-2024)

3.1.2 Global Single-turn Optical Encoder Sales Market Share by Company

(2019-2024)

3.2 Global Single-turn Optical Encoder Annual Revenue by Company (2019-2024)

3.2.1 Global Single-turn Optical Encoder Revenue by Company (2019-2024)

3.2.2 Global Single-turn Optical Encoder Revenue Market Share by Company

(2019-2024)

3.3 Global Single-turn Optical Encoder Sale Price by Company

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

3.4.1 Key Manufacturers Single-turn Optical Encoder Product Location Distribution

3.4.2 Players Single-turn 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) & (2019-2024)

3.6 New Products and Potential Entrants

3.7 Mergers & Acquisitions, Expansion

4 WORLD HISTORIC REVIEW FOR SINGLE-TURN OPTICAL ENCODER BY GEOGRAPHIC REGION

4.1 World Historic Single-turn Optical Encoder Market Size by Geographic Region (2019-2024)

4.1.1 Global Single-turn Optical Encoder Annual Sales by Geographic Region

(2019-2024)

4.1.2 Global Single-turn Optical Encoder Annual Revenue by Geographic Region

(2019-2024)

4.2 World Historic Single-turn Optical Encoder Market Size by Country/Region (2019-2024)

4.2.1 Global Single-turn Optical Encoder Annual Sales by Country/Region (2019-2024)

4.2.2 Global Single-turn Optical Encoder Annual Revenue by Country/Region

(2019-2024)

4.3 Americas Single-turn Optical Encoder Sales Growth

- 4.4 APAC Single-turn Optical Encoder Sales Growth
- 4.5 Europe Single-turn Optical Encoder Sales Growth
- 4.6 Middle East & Africa Single-turn Optical Encoder Sales Growth

5 AMERICAS

- 5.1 Americas Single-turn Optical Encoder Sales by Country
 - 5.1.1 Americas Single-turn Optical Encoder Sales by Country (2019-2024)
 - 5.1.2 Americas Single-turn Optical Encoder Revenue by Country (2019-2024)
- 5.2 Americas Single-turn Optical Encoder Sales by Type
- 5.3 Americas Single-turn Optical Encoder Sales by Application
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

6 APAC

- 6.1 APAC Single-turn Optical Encoder Sales by Region
 - 6.1.1 APAC Single-turn Optical Encoder Sales by Region (2019-2024)
 - 6.1.2 APAC Single-turn Optical Encoder Revenue by Region (2019-2024)
- 6.2 APAC Single-turn Optical Encoder Sales by Type
- 6.3 APAC Single-turn 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 Single-turn Optical Encoder by Country
 - 7.1.1 Europe Single-turn Optical Encoder Sales by Country (2019-2024)
 - 7.1.2 Europe Single-turn Optical Encoder Revenue by Country (2019-2024)
- 7.2 Europe Single-turn Optical Encoder Sales by Type
- 7.3 Europe Single-turn 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 Single-turn Optical Encoder by Country
 - 8.1.1 Middle East & Africa Single-turn Optical Encoder Sales by Country (2019-2024)
 - 8.1.2 Middle East & Africa Single-turn Optical Encoder Revenue by Country (2019-2024)
- 8.2 Middle East & Africa Single-turn Optical Encoder Sales by Type
- 8.3 Middle East & Africa Single-turn 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 Single-turn Optical Encoder
- 10.3 Manufacturing Process Analysis of Single-turn Optical Encoder
- 10.4 Industry Chain Structure of Single-turn Optical Encoder

11 MARKETING, DISTRIBUTORS AND CUSTOMER

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

12 WORLD FORECAST REVIEW FOR SINGLE-TURN OPTICAL ENCODER BY GEOGRAPHIC REGION

- 12.1 Global Single-turn Optical Encoder Market Size Forecast by Region
 - 12.1.1 Global Single-turn Optical Encoder Forecast by Region (2025-2030)
 - 12.1.2 Global Single-turn Optical Encoder Annual Revenue Forecast by Region (2025-2030)
- 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 Single-turn Optical Encoder Forecast by Type
- 12.7 Global Single-turn Optical Encoder Forecast by Application

13 KEY PLAYERS ANALYSIS

- 13.1 Renishaw
 - 13.1.1 Renishaw Company Information
 - 13.1.2 Renishaw Single-turn Optical Encoder Product Portfolios and Specifications
 - 13.1.3 Renishaw Single-turn Optical Encoder Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.1.4 Renishaw Main Business Overview
 - 13.1.5 Renishaw Latest Developments
- 13.2 Heidenhain
 - 13.2.1 Heidenhain Company Information
 - 13.2.2 Heidenhain Single-turn Optical Encoder Product Portfolios and Specifications
 - 13.2.3 Heidenhain Single-turn Optical Encoder Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.2.4 Heidenhain Main Business Overview
 - 13.2.5 Heidenhain Latest Developments
- 13.3 Dynapar
 - 13.3.1 Dynapar Company Information
 - 13.3.2 Dynapar Single-turn Optical Encoder Product Portfolios and Specifications
 - 13.3.3 Dynapar Single-turn Optical Encoder Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.3.4 Dynapar Main Business Overview
 - 13.3.5 Dynapar Latest Developments
- 13.4 Broadcom

- 13.4.1 Broadcom Company Information
- 13.4.2 Broadcom Single-turn Optical Encoder Product Portfolios and Specifications
- 13.4.3 Broadcom Single-turn Optical Encoder Sales, Revenue, Price and Gross Margin (2019-2024)
- 13.4.4 Broadcom Main Business Overview
- 13.4.5 Broadcom Latest Developments
- 13.5 Sick AG
 - 13.5.1 Sick AG Company Information
 - 13.5.2 Sick AG Single-turn Optical Encoder Product Portfolios and Specifications
 - 13.5.3 Sick AG Single-turn Optical Encoder Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.5.4 Sick AG Main Business Overview
 - 13.5.5 Sick AG Latest Developments
- 13.6 Baumer
 - 13.6.1 Baumer Company Information
 - 13.6.2 Baumer Single-turn Optical Encoder Product Portfolios and Specifications
 - 13.6.3 Baumer Single-turn Optical Encoder Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.6.4 Baumer Main Business Overview
 - 13.6.5 Baumer Latest Developments
- 13.7 Lika Electronic
 - 13.7.1 Lika Electronic Company Information
 - 13.7.2 Lika Electronic Single-turn Optical Encoder Product Portfolios and Specifications
 - 13.7.3 Lika Electronic Single-turn Optical Encoder Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.7.4 Lika Electronic Main Business Overview
 - 13.7.5 Lika Electronic Latest Developments
- 13.8 Leine Linde
 - 13.8.1 Leine Linde Company Information
 - 13.8.2 Leine Linde Single-turn Optical Encoder Product Portfolios and Specifications
 - 13.8.3 Leine Linde Single-turn Optical Encoder Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.8.4 Leine Linde Main Business Overview
 - 13.8.5 Leine Linde Latest Developments
- 13.9 Pepperl+Fuchs
 - 13.9.1 Pepperl+Fuchs Company Information
 - 13.9.2 Pepperl+Fuchs Single-turn Optical Encoder Product Portfolios and Specifications

13.9.3 Pepperl+Fuchs Single-turn Optical Encoder Sales, Revenue, Price and Gross Margin (2019-2024)

13.9.4 Pepperl+Fuchs Main Business Overview

13.9.5 Pepperl+Fuchs Latest Developments

13.10 Hengstler

13.10.1 Hengstler Company Information

13.10.2 Hengstler Single-turn Optical Encoder Product Portfolios and Specifications

13.10.3 Hengstler Single-turn Optical Encoder Sales, Revenue, Price and Gross Margin (2019-2024)

13.10.4 Hengstler Main Business Overview

13.10.5 Hengstler Latest Developments

13.11 Tamagawa Europe GmbH

13.11.1 Tamagawa Europe GmbH Company Information

13.11.2 Tamagawa Europe GmbH Single-turn Optical Encoder Product Portfolios and Specifications

13.11.3 Tamagawa Europe GmbH Single-turn Optical Encoder Sales, Revenue, Price and Gross Margin (2019-2024)

13.11.4 Tamagawa Europe GmbH Main Business Overview

13.11.5 Tamagawa Europe GmbH Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Single-turn Optical Encoder Annual Sales CAGR by Geographic Region (2019, 2023 & 2030) & (\$ millions)

Table 2. Single-turn Optical Encoder Annual Sales CAGR by Country/Region (2019, 2023 & 2030) & (\$ millions)

Table 3. Major Players of Linear Encoder

Table 4. Major Players of Rotary Encoder

Table 5. Global Single-turn Optical Encoder Sales by Type (2019-2024) & (K Units)

Table 6. Global Single-turn Optical Encoder Sales Market Share by Type (2019-2024)

Table 7. Global Single-turn Optical Encoder Revenue by Type (2019-2024) & (\$ million)

Table 8. Global Single-turn Optical Encoder Revenue Market Share by Type (2019-2024)

Table 9. Global Single-turn Optical Encoder Sale Price by Type (2019-2024) & (US\$/Unit)

Table 10. Global Single-turn Optical Encoder Sales by Application (2019-2024) & (K Units)

Table 11. Global Single-turn Optical Encoder Sales Market Share by Application (2019-2024)

Table 12. Global Single-turn Optical Encoder Revenue by Application (2019-2024)

Table 13. Global Single-turn Optical Encoder Revenue Market Share by Application (2019-2024)

Table 14. Global Single-turn Optical Encoder Sale Price by Application (2019-2024) & (US\$/Unit)

Table 15. Global Single-turn Optical Encoder Sales by Company (2019-2024) & (K Units)

Table 16. Global Single-turn Optical Encoder Sales Market Share by Company (2019-2024)

Table 17. Global Single-turn Optical Encoder Revenue by Company (2019-2024) (\$ Millions)

Table 18. Global Single-turn Optical Encoder Revenue Market Share by Company (2019-2024)

Table 19. Global Single-turn Optical Encoder Sale Price by Company (2019-2024) & (US\$/Unit)

Table 20. Key Manufacturers Single-turn Optical Encoder Producing Area Distribution and Sales Area

Table 21. Players Single-turn Optical Encoder Products Offered

Table 22. Single-turn Optical Encoder Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

Table 23. New Products and Potential Entrants

Table 24. Mergers & Acquisitions, Expansion

Table 25. Global Single-turn Optical Encoder Sales by Geographic Region (2019-2024) & (K Units)

Table 26. Global Single-turn Optical Encoder Sales Market Share Geographic Region (2019-2024)

Table 27. Global Single-turn Optical Encoder Revenue by Geographic Region (2019-2024) & (\$ millions)

Table 28. Global Single-turn Optical Encoder Revenue Market Share by Geographic Region (2019-2024)

Table 29. Global Single-turn Optical Encoder Sales by Country/Region (2019-2024) & (K Units)

Table 30. Global Single-turn Optical Encoder Sales Market Share by Country/Region (2019-2024)

Table 31. Global Single-turn Optical Encoder Revenue by Country/Region (2019-2024) & (\$ millions)

Table 32. Global Single-turn Optical Encoder Revenue Market Share by Country/Region (2019-2024)

Table 33. Americas Single-turn Optical Encoder Sales by Country (2019-2024) & (K Units)

Table 34. Americas Single-turn Optical Encoder Sales Market Share by Country (2019-2024)

Table 35. Americas Single-turn Optical Encoder Revenue by Country (2019-2024) & (\$ Millions)

Table 36. Americas Single-turn Optical Encoder Revenue Market Share by Country (2019-2024)

Table 37. Americas Single-turn Optical Encoder Sales by Type (2019-2024) & (K Units)

Table 38. Americas Single-turn Optical Encoder Sales by Application (2019-2024) & (K Units)

Table 39. APAC Single-turn Optical Encoder Sales by Region (2019-2024) & (K Units)

Table 40. APAC Single-turn Optical Encoder Sales Market Share by Region (2019-2024)

Table 41. APAC Single-turn Optical Encoder Revenue by Region (2019-2024) & (\$ Millions)

Table 42. APAC Single-turn Optical Encoder Revenue Market Share by Region (2019-2024)

Table 43. APAC Single-turn Optical Encoder Sales by Type (2019-2024) & (K Units)

Table 44. APAC Single-turn Optical Encoder Sales by Application (2019-2024) & (K Units)

Table 45. Europe Single-turn Optical Encoder Sales by Country (2019-2024) & (K Units)

Table 46. Europe Single-turn Optical Encoder Sales Market Share by Country (2019-2024)

Table 47. Europe Single-turn Optical Encoder Revenue by Country (2019-2024) & (\$ Millions)

Table 48. Europe Single-turn Optical Encoder Revenue Market Share by Country (2019-2024)

Table 49. Europe Single-turn Optical Encoder Sales by Type (2019-2024) & (K Units)

Table 50. Europe Single-turn Optical Encoder Sales by Application (2019-2024) & (K Units)

Table 51. Middle East & Africa Single-turn Optical Encoder Sales by Country (2019-2024) & (K Units)

Table 52. Middle East & Africa Single-turn Optical Encoder Sales Market Share by Country (2019-2024)

Table 53. Middle East & Africa Single-turn Optical Encoder Revenue by Country (2019-2024) & (\$ Millions)

Table 54. Middle East & Africa Single-turn Optical Encoder Revenue Market Share by Country (2019-2024)

Table 55. Middle East & Africa Single-turn Optical Encoder Sales by Type (2019-2024) & (K Units)

Table 56. Middle East & Africa Single-turn Optical Encoder Sales by Application (2019-2024) & (K Units)

Table 57. Key Market Drivers & Growth Opportunities of Single-turn Optical Encoder

Table 58. Key Market Challenges & Risks of Single-turn Optical Encoder

Table 59. Key Industry Trends of Single-turn Optical Encoder

Table 60. Single-turn Optical Encoder Raw Material

Table 61. Key Suppliers of Raw Materials

Table 62. Single-turn Optical Encoder Distributors List

Table 63. Single-turn Optical Encoder Customer List

Table 64. Global Single-turn Optical Encoder Sales Forecast by Region (2025-2030) & (K Units)

Table 65. Global Single-turn Optical Encoder Revenue Forecast by Region (2025-2030) & (\$ millions)

Table 66. Americas Single-turn Optical Encoder Sales Forecast by Country (2025-2030) & (K Units)

Table 67. Americas Single-turn Optical Encoder Revenue Forecast by Country (2025-2030) & (\$ millions)

- Table 68. APAC Single-turn Optical Encoder Sales Forecast by Region (2025-2030) & (K Units)
- Table 69. APAC Single-turn Optical Encoder Revenue Forecast by Region (2025-2030) & (\$ millions)
- Table 70. Europe Single-turn Optical Encoder Sales Forecast by Country (2025-2030) & (K Units)
- Table 71. Europe Single-turn Optical Encoder Revenue Forecast by Country (2025-2030) & (\$ millions)
- Table 72. Middle East & Africa Single-turn Optical Encoder Sales Forecast by Country (2025-2030) & (K Units)
- Table 73. Middle East & Africa Single-turn Optical Encoder Revenue Forecast by Country (2025-2030) & (\$ millions)
- Table 74. Global Single-turn Optical Encoder Sales Forecast by Type (2025-2030) & (K Units)
- Table 75. Global Single-turn Optical Encoder Revenue Forecast by Type (2025-2030) & (\$ Millions)
- Table 76. Global Single-turn Optical Encoder Sales Forecast by Application (2025-2030) & (K Units)
- Table 77. Global Single-turn Optical Encoder Revenue Forecast by Application (2025-2030) & (\$ Millions)
- Table 78. Renishaw Basic Information, Single-turn Optical Encoder Manufacturing Base, Sales Area and Its Competitors
- Table 79. Renishaw Single-turn Optical Encoder Product Portfolios and Specifications
- Table 80. Renishaw Single-turn Optical Encoder Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)
- Table 81. Renishaw Main Business
- Table 82. Renishaw Latest Developments
- Table 83. Heidenhain Basic Information, Single-turn Optical Encoder Manufacturing Base, Sales Area and Its Competitors
- Table 84. Heidenhain Single-turn Optical Encoder Product Portfolios and Specifications
- Table 85. Heidenhain Single-turn Optical Encoder Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)
- Table 86. Heidenhain Main Business
- Table 87. Heidenhain Latest Developments
- Table 88. Dynapar Basic Information, Single-turn Optical Encoder Manufacturing Base, Sales Area and Its Competitors
- Table 89. Dynapar Single-turn Optical Encoder Product Portfolios and Specifications
- Table 90. Dynapar Single-turn Optical Encoder Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

- Table 91. Dynapar Main Business
- Table 92. Dynapar Latest Developments
- Table 93. Broadcom Basic Information, Single-turn Optical Encoder Manufacturing Base, Sales Area and Its Competitors
- Table 94. Broadcom Single-turn Optical Encoder Product Portfolios and Specifications
- Table 95. Broadcom Single-turn Optical Encoder Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)
- Table 96. Broadcom Main Business
- Table 97. Broadcom Latest Developments
- Table 98. Sick AG Basic Information, Single-turn Optical Encoder Manufacturing Base, Sales Area and Its Competitors
- Table 99. Sick AG Single-turn Optical Encoder Product Portfolios and Specifications
- Table 100. Sick AG Single-turn Optical Encoder Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)
- Table 101. Sick AG Main Business
- Table 102. Sick AG Latest Developments
- Table 103. Baumer Basic Information, Single-turn Optical Encoder Manufacturing Base, Sales Area and Its Competitors
- Table 104. Baumer Single-turn Optical Encoder Product Portfolios and Specifications
- Table 105. Baumer Single-turn Optical Encoder Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)
- Table 106. Baumer Main Business
- Table 107. Baumer Latest Developments
- Table 108. Lika Electronic Basic Information, Single-turn Optical Encoder Manufacturing Base, Sales Area and Its Competitors
- Table 109. Lika Electronic Single-turn Optical Encoder Product Portfolios and Specifications
- Table 110. Lika Electronic Single-turn Optical Encoder Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)
- Table 111. Lika Electronic Main Business
- Table 112. Lika Electronic Latest Developments
- Table 113. Leine Linde Basic Information, Single-turn Optical Encoder Manufacturing Base, Sales Area and Its Competitors
- Table 114. Leine Linde Single-turn Optical Encoder Product Portfolios and Specifications
- Table 115. Leine Linde Single-turn Optical Encoder Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)
- Table 116. Leine Linde Main Business
- Table 117. Leine Linde Latest Developments

Table 118. Pepperl+Fuchs Basic Information, Single-turn Optical Encoder Manufacturing Base, Sales Area and Its Competitors

Table 119. Pepperl+Fuchs Single-turn Optical Encoder Product Portfolios and Specifications

Table 120. Pepperl+Fuchs Single-turn Optical Encoder Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 121. Pepperl+Fuchs Main Business

Table 122. Pepperl+Fuchs Latest Developments

Table 123. Hengstler Basic Information, Single-turn Optical Encoder Manufacturing Base, Sales Area and Its Competitors

Table 124. Hengstler Single-turn Optical Encoder Product Portfolios and Specifications

Table 125. Hengstler Single-turn Optical Encoder Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 126. Hengstler Main Business

Table 127. Hengstler Latest Developments

Table 128. Tamagawa Europe GmbH Basic Information, Single-turn Optical Encoder Manufacturing Base, Sales Area and Its Competitors

Table 129. Tamagawa Europe GmbH Single-turn Optical Encoder Product Portfolios and Specifications

Table 130. Tamagawa Europe GmbH Single-turn Optical Encoder Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 131. Tamagawa Europe GmbH Main Business

Table 132. Tamagawa Europe GmbH Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Single-turn Optical Encoder
- Figure 2. Single-turn Optical Encoder Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Single-turn Optical Encoder Sales Growth Rate 2019-2030 (K Units)
- Figure 7. Global Single-turn Optical Encoder Revenue Growth Rate 2019-2030 (\$ Millions)
- Figure 8. Single-turn Optical Encoder Sales by Region (2019, 2023 & 2030) & (\$ Millions)
- Figure 9. Product Picture of Linear Encoder
- Figure 10. Product Picture of Rotary Encoder
- Figure 11. Global Single-turn Optical Encoder Sales Market Share by Type in 2023
- Figure 12. Global Single-turn Optical Encoder Revenue Market Share by Type (2019-2024)
- Figure 13. Single-turn Optical Encoder Consumed in Automated Industry
- Figure 14. Global Single-turn Optical Encoder Market: Automated Industry (2019-2024) & (K Units)
- Figure 15. Single-turn Optical Encoder Consumed in CNC Machine Tool
- Figure 16. Global Single-turn Optical Encoder Market: CNC Machine Tool (2019-2024) & (K Units)
- Figure 17. Single-turn Optical Encoder Consumed in Robot
- Figure 18. Global Single-turn Optical Encoder Market: Robot (2019-2024) & (K Units)
- Figure 19. Single-turn Optical Encoder Consumed in Precision Measuring Equipment
- Figure 20. Global Single-turn Optical Encoder Market: Precision Measuring Equipment (2019-2024) & (K Units)
- Figure 21. Single-turn Optical Encoder Consumed in Others
- Figure 22. Global Single-turn Optical Encoder Market: Others (2019-2024) & (K Units)
- Figure 23. Global Single-turn Optical Encoder Sales Market Share by Application (2023)
- Figure 24. Global Single-turn Optical Encoder Revenue Market Share by Application in 2023
- Figure 25. Single-turn Optical Encoder Sales Market by Company in 2023 (K Units)
- Figure 26. Global Single-turn Optical Encoder Sales Market Share by Company in 2023
- Figure 27. Single-turn Optical Encoder Revenue Market by Company in 2023 (\$ Million)
- Figure 28. Global Single-turn Optical Encoder Revenue Market Share by Company in

2023

Figure 29. Global Single-turn Optical Encoder Sales Market Share by Geographic Region (2019-2024)

Figure 30. Global Single-turn Optical Encoder Revenue Market Share by Geographic Region in 2023

Figure 31. Americas Single-turn Optical Encoder Sales 2019-2024 (K Units)

Figure 32. Americas Single-turn Optical Encoder Revenue 2019-2024 (\$ Millions)

Figure 33. APAC Single-turn Optical Encoder Sales 2019-2024 (K Units)

Figure 34. APAC Single-turn Optical Encoder Revenue 2019-2024 (\$ Millions)

Figure 35. Europe Single-turn Optical Encoder Sales 2019-2024 (K Units)

Figure 36. Europe Single-turn Optical Encoder Revenue 2019-2024 (\$ Millions)

Figure 37. Middle East & Africa Single-turn Optical Encoder Sales 2019-2024 (K Units)

Figure 38. Middle East & Africa Single-turn Optical Encoder Revenue 2019-2024 (\$ Millions)

Figure 39. Americas Single-turn Optical Encoder Sales Market Share by Country in 2023

Figure 40. Americas Single-turn Optical Encoder Revenue Market Share by Country in 2023

Figure 41. Americas Single-turn Optical Encoder Sales Market Share by Type (2019-2024)

Figure 42. Americas Single-turn Optical Encoder Sales Market Share by Application (2019-2024)

Figure 43. United States Single-turn Optical Encoder Revenue Growth 2019-2024 (\$ Millions)

Figure 44. Canada Single-turn Optical Encoder Revenue Growth 2019-2024 (\$ Millions)

Figure 45. Mexico Single-turn Optical Encoder Revenue Growth 2019-2024 (\$ Millions)

Figure 46. Brazil Single-turn Optical Encoder Revenue Growth 2019-2024 (\$ Millions)

Figure 47. APAC Single-turn Optical Encoder Sales Market Share by Region in 2023

Figure 48. APAC Single-turn Optical Encoder Revenue Market Share by Regions in 2023

Figure 49. APAC Single-turn Optical Encoder Sales Market Share by Type (2019-2024)

Figure 50. APAC Single-turn Optical Encoder Sales Market Share by Application (2019-2024)

Figure 51. China Single-turn Optical Encoder Revenue Growth 2019-2024 (\$ Millions)

Figure 52. Japan Single-turn Optical Encoder Revenue Growth 2019-2024 (\$ Millions)

Figure 53. South Korea Single-turn Optical Encoder Revenue Growth 2019-2024 (\$ Millions)

Figure 54. Southeast Asia Single-turn Optical Encoder Revenue Growth 2019-2024 (\$ Millions)

Figure 55. India Single-turn Optical Encoder Revenue Growth 2019-2024 (\$ Millions)

Figure 56. Australia Single-turn Optical Encoder Revenue Growth 2019-2024 (\$ Millions)

Figure 57. China Taiwan Single-turn Optical Encoder Revenue Growth 2019-2024 (\$ Millions)

Figure 58. Europe Single-turn Optical Encoder Sales Market Share by Country in 2023

Figure 59. Europe Single-turn Optical Encoder Revenue Market Share by Country in 2023

Figure 60. Europe Single-turn Optical Encoder Sales Market Share by Type (2019-2024)

Figure 61. Europe Single-turn Optical Encoder Sales Market Share by Application (2019-2024)

Figure 62. Germany Single-turn Optical Encoder Revenue Growth 2019-2024 (\$ Millions)

Figure 63. France Single-turn Optical Encoder Revenue Growth 2019-2024 (\$ Millions)

Figure 64. UK Single-turn Optical Encoder Revenue Growth 2019-2024 (\$ Millions)

Figure 65. Italy Single-turn Optical Encoder Revenue Growth 2019-2024 (\$ Millions)

Figure 66. Russia Single-turn Optical Encoder Revenue Growth 2019-2024 (\$ Millions)

Figure 67. Middle East & Africa Single-turn Optical Encoder Sales Market Share by Country in 2023

Figure 68. Middle East & Africa Single-turn Optical Encoder Revenue Market Share by Country in 2023

Figure 69. Middle East & Africa Single-turn Optical Encoder Sales Market Share by Type (2019-2024)

Figure 70. Middle East & Africa Single-turn Optical Encoder Sales Market Share by Application (2019-2024)

Figure 71. Egypt Single-turn Optical Encoder Revenue Growth 2019-2024 (\$ Millions)

Figure 72. South Africa Single-turn Optical Encoder Revenue Growth 2019-2024 (\$ Millions)

Figure 73. Israel Single-turn Optical Encoder Revenue Growth 2019-2024 (\$ Millions)

Figure 74. Turkey Single-turn Optical Encoder Revenue Growth 2019-2024 (\$ Millions)

Figure 75. GCC Country Single-turn Optical Encoder Revenue Growth 2019-2024 (\$ Millions)

Figure 76. Manufacturing Cost Structure Analysis of Single-turn Optical Encoder in 2023

Figure 77. Manufacturing Process Analysis of Single-turn Optical Encoder

Figure 78. Industry Chain Structure of Single-turn Optical Encoder

Figure 79. Channels of Distribution

Figure 80. Global Single-turn Optical Encoder Sales Market Forecast by Region (2025-2030)

Figure 81. Global Single-turn Optical Encoder Revenue Market Share Forecast by Region (2025-2030)

Figure 82. Global Single-turn Optical Encoder Sales Market Share Forecast by Type (2025-2030)

Figure 83. Global Single-turn Optical Encoder Revenue Market Share Forecast by Type (2025-2030)

Figure 84. Global Single-turn Optical Encoder Sales Market Share Forecast by Application (2025-2030)

Figure 85. Global Single-turn Optical Encoder Revenue Market Share Forecast by Application (2025-2030)

I would like to order

Product name: Global Single-turn Optical Encoder Market Growth 2024-2030

Product link: <https://marketpublishers.com/r/G0773A6A9372EN.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 <https://marketpublishers.com/r/G0773A6A9372EN.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