

Global Miniature Absolute Encoders Market 2022 by Manufacturers, Regions, Type and Application, Forecast to 2028

<https://marketpublishers.com/r/G1BDBC6A065CEN.html>

Date: June 2022

Pages: 122

Price: US\$ 3,132.00 (Single User License)

ID: G1BDBC6A065CEN

Abstracts

The Miniature Absolute Encoders market report provides a detailed analysis of global market size, regional and country-level market size, segmentation market growth, market share, competitive Landscape, sales analysis, impact of domestic and global market players, value chain optimization, trade regulations, recent developments, opportunities analysis, strategic market growth analysis, product launches, area marketplace expanding, and technological innovations.

According to our (Global Info Research) latest study, due to COVID-19 pandemic, the global Miniature Absolute Encoders market size is estimated to be worth US\$ million in 2021 and is forecast to a readjusted size of USD million by 2028 with a CAGR of % during forecast period 2022-2028. Industrial accounting for % of the Miniature Absolute Encoders global market in 2021, is projected to value USD million by 2028, growing at a % CAGR in next six years. While Single-Turn Encoders segment is altered to a % CAGR between 2022 and 2028.

Global key manufacturers of Miniature Absolute Encoders include Broadcom, OMRON Corporatio, Dynapar, Sensata Technologies, and Nemicon, etc. In terms of revenue, the global top four players hold a share over % in 2021.

Market segmentation

Miniature Absolute Encoders market is split by Type and by Application. For the period 2017-2028, the growth among segments provide accurate calculations and forecasts for sales by Type and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type, covers

Single-Turn Encoders

Multi-Turn Encoders

Market segment by Application can be divided into

Industrial

Medical Industry

Robot Industry

Others

The key market players for global Miniature Absolute Encoders market are listed below:

Broadcom

OMRON Corporatio

Dynapar

Sensata Technologies

Nemicon

Eltra

Baumer Group

Kuebler

Allied Motion

Renishaw

Tamagawa

TE Connectivity

SIKO

BALLUFF

Heidenhain

Hontko

SICK

Hengstler

Netzer Precision Position Sensors

Pepperl+Fuchs

Ifm Electronic

US Digital

CUI Inc

Yuheng Optics

Sanfeng

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Miniature Absolute Encoders product scope, market overview, market opportunities, market driving force and market risks.

Chapter 2, to profile the top manufacturers of Miniature Absolute Encoders, with price, sales, revenue and global market share of Miniature Absolute Encoders from 2019 to 2022.

Chapter 3, the Miniature Absolute Encoders competitive situation, sales, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Miniature Absolute Encoders breakdown data are shown at the regional level, to show the sales, revenue and growth by regions, from 2017 to 2028.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2017 to 2028.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales, revenue and market share for key countries in the world, from 2017 to 2022. and Miniature Absolute Encoders market forecast, by regions, type and application, with sales and revenue, from 2023 to 2028.

Chapter 12, the key raw materials and key suppliers, and industry chain of Miniature Absolute Encoders.

Chapter 13, 14, and 15, to describe Miniature Absolute Encoders sales channel, distributors, customers, research findings and conclusion, appendix and data source.

Contents

1 MARKET OVERVIEW

- 1.1 Miniature Absolute Encoders Introduction
- 1.2 Market Analysis by Type
 - 1.2.1 Overview: Global Miniature Absolute Encoders Revenue by Type: 2017 Versus 2021 Versus 2028
 - 1.2.2 Single-Turn Encoders
 - 1.2.3 Multi-Turn Encoders
- 1.3 Market Analysis by Application
 - 1.3.1 Overview: Global Miniature Absolute Encoders Revenue by Application: 2017 Versus 2021 Versus 2028
 - 1.3.2 Industrial
 - 1.3.3 Medical Industry
 - 1.3.4 Robot Industry
 - 1.3.5 Others
- 1.4 Global Miniature Absolute Encoders Market Size & Forecast
 - 1.4.1 Global Miniature Absolute Encoders Sales in Value (2017 & 2021 & 2028)
 - 1.4.2 Global Miniature Absolute Encoders Sales in Volume (2017-2028)
 - 1.4.3 Global Miniature Absolute Encoders Price (2017-2028)
- 1.5 Global Miniature Absolute Encoders Production Capacity Analysis
 - 1.5.1 Global Miniature Absolute Encoders Total Production Capacity (2017-2028)
 - 1.5.2 Global Miniature Absolute Encoders Production Capacity by Geographic Region
- 1.6 Market Drivers, Restraints and Trends
 - 1.6.1 Miniature Absolute Encoders Market Drivers
 - 1.6.2 Miniature Absolute Encoders Market Restraints
 - 1.6.3 Miniature Absolute Encoders Trends Analysis

2 MANUFACTURERS PROFILES

- 2.1 Broadcom
 - 2.1.1 Broadcom Details
 - 2.1.2 Broadcom Major Business
 - 2.1.3 Broadcom Miniature Absolute Encoders Product and Services
 - 2.1.4 Broadcom Miniature Absolute Encoders Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)
- 2.2 OMRON Corporatio
 - 2.2.1 OMRON Corporatio Details

- 2.2.2 OMRON Corporatio Major Business
- 2.2.3 OMRON Corporatio Miniature Absolute Encoders Product and Services
- 2.2.4 OMRON Corporatio Miniature Absolute Encoders Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)
- 2.3 Dynapar
 - 2.3.1 Dynapar Details
 - 2.3.2 Dynapar Major Business
 - 2.3.3 Dynapar Miniature Absolute Encoders Product and Services
 - 2.3.4 Dynapar Miniature Absolute Encoders Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)
- 2.4 Sensata Technologies
 - 2.4.1 Sensata Technologies Details
 - 2.4.2 Sensata Technologies Major Business
 - 2.4.3 Sensata Technologies Miniature Absolute Encoders Product and Services
 - 2.4.4 Sensata Technologies Miniature Absolute Encoders Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)
- 2.5 Nemicon
 - 2.5.1 Nemicon Details
 - 2.5.2 Nemicon Major Business
 - 2.5.3 Nemicon Miniature Absolute Encoders Product and Services
 - 2.5.4 Nemicon Miniature Absolute Encoders Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)
- 2.6 Eltra
 - 2.6.1 Eltra Details
 - 2.6.2 Eltra Major Business
 - 2.6.3 Eltra Miniature Absolute Encoders Product and Services
 - 2.6.4 Eltra Miniature Absolute Encoders Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)
- 2.7 Baumer Group
 - 2.7.1 Baumer Group Details
 - 2.7.2 Baumer Group Major Business
 - 2.7.3 Baumer Group Miniature Absolute Encoders Product and Services
 - 2.7.4 Baumer Group Miniature Absolute Encoders Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)
- 2.8 Kuebler
 - 2.8.1 Kuebler Details
 - 2.8.2 Kuebler Major Business
 - 2.8.3 Kuebler Miniature Absolute Encoders Product and Services
 - 2.8.4 Kuebler Miniature Absolute Encoders Sales, Price, Revenue, Gross Margin and

Market Share (2019, 2020, 2021, and 2022)

2.9 Allied Motion

2.9.1 Allied Motion Details

2.9.2 Allied Motion Major Business

2.9.3 Allied Motion Miniature Absolute Encoders Product and Services

2.9.4 Allied Motion Miniature Absolute Encoders Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)

2.10 Renishaw

2.10.1 Renishaw Details

2.10.2 Renishaw Major Business

2.10.3 Renishaw Miniature Absolute Encoders Product and Services

2.10.4 Renishaw Miniature Absolute Encoders Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)

2.11 Tamagawa

2.11.1 Tamagawa Details

2.11.2 Tamagawa Major Business

2.11.3 Tamagawa Miniature Absolute Encoders Product and Services

2.11.4 Tamagawa Miniature Absolute Encoders Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)

2.12 TE Connectivity

2.12.1 TE Connectivity Details

2.12.2 TE Connectivity Major Business

2.12.3 TE Connectivity Miniature Absolute Encoders Product and Services

2.12.4 TE Connectivity Miniature Absolute Encoders Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)

2.13 SIKO

2.13.1 SIKO Details

2.13.2 SIKO Major Business

2.13.3 SIKO Miniature Absolute Encoders Product and Services

2.13.4 SIKO Miniature Absolute Encoders Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)

2.14 BALLUFF

2.14.1 BALLUFF Details

2.14.2 BALLUFF Major Business

2.14.3 BALLUFF Miniature Absolute Encoders Product and Services

2.14.4 BALLUFF Miniature Absolute Encoders Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)

2.15 Heidenhain

2.15.1 Heidenhain Details

- 2.15.2 Heidenhain Major Business
- 2.15.3 Heidenhain Miniature Absolute Encoders Product and Services
- 2.15.4 Heidenhain Miniature Absolute Encoders Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)
- 2.16 Hontko
 - 2.16.1 Hontko Details
 - 2.16.2 Hontko Major Business
 - 2.16.3 Hontko Miniature Absolute Encoders Product and Services
 - 2.16.4 Hontko Miniature Absolute Encoders Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)
- 2.17 SICK
 - 2.17.1 SICK Details
 - 2.17.2 SICK Major Business
 - 2.17.3 SICK Miniature Absolute Encoders Product and Services
 - 2.17.4 SICK Miniature Absolute Encoders Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)
- 2.18 Hengstler
 - 2.18.1 Hengstler Details
 - 2.18.2 Hengstler Major Business
 - 2.18.3 Hengstler Miniature Absolute Encoders Product and Services
 - 2.18.4 Hengstler Miniature Absolute Encoders Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)
- 2.19 Netzer Precision Position Sensors
 - 2.19.1 Netzer Precision Position Sensors Details
 - 2.19.2 Netzer Precision Position Sensors Major Business
 - 2.19.3 Netzer Precision Position Sensors Miniature Absolute Encoders Product and Services
 - 2.19.4 Netzer Precision Position Sensors Miniature Absolute Encoders Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)
- 2.20 Pepperl+Fuchs
 - 2.20.1 Pepperl+Fuchs Details
 - 2.20.2 Pepperl+Fuchs Major Business
 - 2.20.3 Pepperl+Fuchs Miniature Absolute Encoders Product and Services
 - 2.20.4 Pepperl+Fuchs Miniature Absolute Encoders Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)
- 2.21 Ifm Electronic
 - 2.21.1 Ifm Electronic Details
 - 2.21.2 Ifm Electronic Major Business
 - 2.21.3 Ifm Electronic Miniature Absolute Encoders Product and Services

2.21.4 Ifm Electronic Miniature Absolute Encoders Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)

2.22 US Digital

2.22.1 US Digital Details

2.22.2 US Digital Major Business

2.22.3 US Digital Miniature Absolute Encoders Product and Services

2.22.4 US Digital Miniature Absolute Encoders Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)

2.23 CUI Inc

2.23.1 CUI Inc Details

2.23.2 CUI Inc Major Business

2.23.3 CUI Inc Miniature Absolute Encoders Product and Services

2.23.4 CUI Inc Miniature Absolute Encoders Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)

2.24 Yuheng Optics

2.24.1 Yuheng Optics Details

2.24.2 Yuheng Optics Major Business

2.24.3 Yuheng Optics Miniature Absolute Encoders Product and Services

2.24.4 Yuheng Optics Miniature Absolute Encoders Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)

2.25 Sanfeng

2.25.1 Sanfeng Details

2.25.2 Sanfeng Major Business

2.25.3 Sanfeng Miniature Absolute Encoders Product and Services

2.25.4 Sanfeng Miniature Absolute Encoders Sales, Price, Revenue, Gross Margin and Market Share (2019, 2020, 2021, and 2022)

3 MINIATURE ABSOLUTE ENCODERS BREAKDOWN DATA BY MANUFACTURER

3.1 Global Miniature Absolute Encoders Sales in Volume by Manufacturer (2019, 2020, 2021, and 2022)

3.2 Global Miniature Absolute Encoders Revenue by Manufacturer (2019, 2020, 2021, and 2022)

3.3 Key Manufacturer Market Position in Miniature Absolute Encoders

3.4 Market Concentration Rate

3.4.1 Top 3 Miniature Absolute Encoders Manufacturer Market Share in 2021

3.4.2 Top 6 Miniature Absolute Encoders Manufacturer Market Share in 2021

3.5 Global Miniature Absolute Encoders Production Capacity by Company: 2021 VS 2022

- 3.6 Manufacturer by Geography: Head Office and Miniature Absolute Encoders Production Site
- 3.7 New Entrant and Capacity Expansion Plans
- 3.8 Mergers & Acquisitions

4 MARKET ANALYSIS BY REGION

- 4.1 Global Miniature Absolute Encoders Market Size by Region
 - 4.1.1 Global Miniature Absolute Encoders Sales in Volume by Region (2017-2028)
 - 4.1.2 Global Miniature Absolute Encoders Revenue by Region (2017-2028)
- 4.2 North America Miniature Absolute Encoders Revenue (2017-2028)
- 4.3 Europe Miniature Absolute Encoders Revenue (2017-2028)
- 4.4 Asia-Pacific Miniature Absolute Encoders Revenue (2017-2028)
- 4.5 South America Miniature Absolute Encoders Revenue (2017-2028)
- 4.6 Middle East and Africa Miniature Absolute Encoders Revenue (2017-2028)

5 MARKET SEGMENT BY TYPE

- 5.1 Global Miniature Absolute Encoders Sales in Volume by Type (2017-2028)
- 5.2 Global Miniature Absolute Encoders Revenue by Type (2017-2028)
- 5.3 Global Miniature Absolute Encoders Price by Type (2017-2028)

6 MARKET SEGMENT BY APPLICATION

- 6.1 Global Miniature Absolute Encoders Sales in Volume by Application (2017-2028)
- 6.2 Global Miniature Absolute Encoders Revenue by Application (2017-2028)
- 6.3 Global Miniature Absolute Encoders Price by Application (2017-2028)

7 NORTH AMERICA BY COUNTRY, BY TYPE, AND BY APPLICATION

- 7.1 North America Miniature Absolute Encoders Sales by Type (2017-2028)
- 7.2 North America Miniature Absolute Encoders Sales by Application (2017-2028)
- 7.3 North America Miniature Absolute Encoders Market Size by Country
 - 7.3.1 North America Miniature Absolute Encoders Sales in Volume by Country (2017-2028)
 - 7.3.2 North America Miniature Absolute Encoders Revenue by Country (2017-2028)
 - 7.3.3 United States Market Size and Forecast (2017-2028)
 - 7.3.4 Canada Market Size and Forecast (2017-2028)
 - 7.3.5 Mexico Market Size and Forecast (2017-2028)

8 EUROPE BY COUNTRY, BY TYPE, AND BY APPLICATION

- 8.1 Europe Miniature Absolute Encoders Sales by Type (2017-2028)
- 8.2 Europe Miniature Absolute Encoders Sales by Application (2017-2028)
- 8.3 Europe Miniature Absolute Encoders Market Size by Country
 - 8.3.1 Europe Miniature Absolute Encoders Sales in Volume by Country (2017-2028)
 - 8.3.2 Europe Miniature Absolute Encoders Revenue by Country (2017-2028)
 - 8.3.3 Germany Market Size and Forecast (2017-2028)
 - 8.3.4 France Market Size and Forecast (2017-2028)
 - 8.3.5 United Kingdom Market Size and Forecast (2017-2028)
 - 8.3.6 Russia Market Size and Forecast (2017-2028)
 - 8.3.7 Italy Market Size and Forecast (2017-2028)

9 ASIA-PACIFIC BY REGION, BY TYPE, AND BY APPLICATION

- 9.1 Asia-Pacific Miniature Absolute Encoders Sales by Type (2017-2028)
- 9.2 Asia-Pacific Miniature Absolute Encoders Sales by Application (2017-2028)
- 9.3 Asia-Pacific Miniature Absolute Encoders Market Size by Region
 - 9.3.1 Asia-Pacific Miniature Absolute Encoders Sales in Volume by Region (2017-2028)
 - 9.3.2 Asia-Pacific Miniature Absolute Encoders Revenue by Region (2017-2028)
 - 9.3.3 China Market Size and Forecast (2017-2028)
 - 9.3.4 Japan Market Size and Forecast (2017-2028)
 - 9.3.5 Korea Market Size and Forecast (2017-2028)
 - 9.3.6 India Market Size and Forecast (2017-2028)
 - 9.3.7 Southeast Asia Market Size and Forecast (2017-2028)
 - 9.3.8 Australia Market Size and Forecast (2017-2028)

10 SOUTH AMERICA BY REGION, BY TYPE, AND BY APPLICATION

- 10.1 South America Miniature Absolute Encoders Sales by Type (2017-2028)
- 10.2 South America Miniature Absolute Encoders Sales by Application (2017-2028)
- 10.3 South America Miniature Absolute Encoders Market Size by Country
 - 10.3.1 South America Miniature Absolute Encoders Sales in Volume by Country (2017-2028)
 - 10.3.2 South America Miniature Absolute Encoders Revenue by Country (2017-2028)
 - 10.3.3 Brazil Market Size and Forecast (2017-2028)
 - 10.3.4 Argentina Market Size and Forecast (2017-2028)

11 MIDDLE EAST & AFRICA BY COUNTRY, BY TYPE, AND BY APPLICATION

11.1 Middle East & Africa Miniature Absolute Encoders Sales by Type (2017-2028)

11.2 Middle East & Africa Miniature Absolute Encoders Sales by Application
(2017-2028)

11.3 Middle East & Africa Miniature Absolute Encoders Market Size by Country

11.3.1 Middle East & Africa Miniature Absolute Encoders Sales in Volume by Country
(2017-2028)

11.3.2 Middle East & Africa Miniature Absolute Encoders Revenue by Country
(2017-2028)

11.3.3 Turkey Market Size and Forecast (2017-2028)

11.3.4 Egypt Market Size and Forecast (2017-2028)

11.3.5 Saudi Arabia Market Size and Forecast (2017-2028)

11.3.6 South Africa Market Size and Forecast (2017-2028)

12 RAW MATERIAL AND INDUSTRY CHAIN

12.1 Raw Material of Miniature Absolute Encoders and Key Manufacturers

12.2 Manufacturing Costs Percentage of Miniature Absolute Encoders

12.3 Miniature Absolute Encoders Production Process

12.4 Miniature Absolute Encoders Industrial Chain

13 SALES CHANNEL, DISTRIBUTORS, TRADERS AND DEALERS

13.1 Sales Channel

13.1.1 Direct Marketing

13.1.2 Indirect Marketing

13.2 Miniature Absolute Encoders Typical Distributors

13.3 Miniature Absolute Encoders Typical Customers

14 RESEARCH FINDINGS AND CONCLUSION

15 APPENDIX

15.1 Methodology

15.2 Research Process and Data Source

15.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global Miniature Absolute Encoders Revenue by Type, (USD Million), 2017 & 2021 & 2028

Table 2. Global Miniature Absolute Encoders Revenue by Application, (USD Million), 2017 & 2021 & 2028

Table 3. Broadcom Basic Information, Manufacturing Base and Competitors

Table 4. Broadcom Major Business

Table 5. Broadcom Miniature Absolute Encoders Product and Services

Table 6. Broadcom Miniature Absolute Encoders Sales (K Units), Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 7. OMRON Corporatio Basic Information, Manufacturing Base and Competitors

Table 8. OMRON Corporatio Major Business

Table 9. OMRON Corporatio Miniature Absolute Encoders Product and Services

Table 10. OMRON Corporatio Miniature Absolute Encoders Sales (K Units), Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 11. Dynapar Basic Information, Manufacturing Base and Competitors

Table 12. Dynapar Major Business

Table 13. Dynapar Miniature Absolute Encoders Product and Services

Table 14. Dynapar Miniature Absolute Encoders Sales (K Units), Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 15. Sensata Technologies Basic Information, Manufacturing Base and Competitors

Table 16. Sensata Technologies Major Business

Table 17. Sensata Technologies Miniature Absolute Encoders Product and Services

Table 18. Sensata Technologies Miniature Absolute Encoders Sales (K Units), Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 19. Nemicon Basic Information, Manufacturing Base and Competitors

Table 20. Nemicon Major Business

Table 21. Nemicon Miniature Absolute Encoders Product and Services

Table 22. Nemicon Miniature Absolute Encoders Sales (K Units), Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 23. Eltra Basic Information, Manufacturing Base and Competitors

Table 24. Eltra Major Business

Table 25. Eltra Miniature Absolute Encoders Product and Services

Table 26. Eltra Miniature Absolute Encoders Sales (K Units), Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 27. Baumer Group Basic Information, Manufacturing Base and Competitors

Table 28. Baumer Group Major Business

Table 29. Baumer Group Miniature Absolute Encoders Product and Services

Table 30. Baumer Group Miniature Absolute Encoders Sales (K Units), Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 31. Kuebler Basic Information, Manufacturing Base and Competitors

Table 32. Kuebler Major Business

Table 33. Kuebler Miniature Absolute Encoders Product and Services

Table 34. Kuebler Miniature Absolute Encoders Sales (K Units), Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 35. Allied Motion Basic Information, Manufacturing Base and Competitors

Table 36. Allied Motion Major Business

Table 37. Allied Motion Miniature Absolute Encoders Product and Services

Table 38. Allied Motion Miniature Absolute Encoders Sales (K Units), Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 39. Renishaw Basic Information, Manufacturing Base and Competitors

Table 40. Renishaw Major Business

Table 41. Renishaw Miniature Absolute Encoders Product and Services

Table 42. Renishaw Miniature Absolute Encoders Sales (K Units), Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 43. Tamagawa Basic Information, Manufacturing Base and Competitors

Table 44. Tamagawa Major Business

Table 45. Tamagawa Miniature Absolute Encoders Product and Services

Table 46. Tamagawa Miniature Absolute Encoders Sales (K Units), Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 47. TE Connectivity Basic Information, Manufacturing Base and Competitors

Table 48. TE Connectivity Major Business

Table 49. TE Connectivity Miniature Absolute Encoders Product and Services

Table 50. TE Connectivity Miniature Absolute Encoders Sales (K Units), Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 51. SIKO Basic Information, Manufacturing Base and Competitors

Table 52. SIKO Major Business

Table 53. SIKO Miniature Absolute Encoders Product and Services

Table 54. SIKO Miniature Absolute Encoders Sales (K Units), Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 55. BALLUFF Basic Information, Manufacturing Base and Competitors
Table 56. BALLUFF Major Business
Table 57. BALLUFF Miniature Absolute Encoders Product and Services
Table 58. BALLUFF Miniature Absolute Encoders Sales (K Units), Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)
Table 59. Heidenhain Basic Information, Manufacturing Base and Competitors
Table 60. Heidenhain Major Business
Table 61. Heidenhain Miniature Absolute Encoders Product and Services
Table 62. Heidenhain Miniature Absolute Encoders Sales (K Units), Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)
Table 63. Hontko Basic Information, Manufacturing Base and Competitors
Table 64. Hontko Major Business
Table 65. Hontko Miniature Absolute Encoders Product and Services
Table 66. Hontko Miniature Absolute Encoders Sales (K Units), Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)
Table 67. SICK Basic Information, Manufacturing Base and Competitors
Table 68. SICK Major Business
Table 69. SICK Miniature Absolute Encoders Product and Services
Table 70. SICK Miniature Absolute Encoders Sales (K Units), Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)
Table 71. Hengstler Basic Information, Manufacturing Base and Competitors
Table 72. Hengstler Major Business
Table 73. Hengstler Miniature Absolute Encoders Product and Services
Table 74. Hengstler Miniature Absolute Encoders Sales (K Units), Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)
Table 75. Netzer Precision Position Sensors Basic Information, Manufacturing Base and Competitors
Table 76. Netzer Precision Position Sensors Major Business
Table 77. Netzer Precision Position Sensors Miniature Absolute Encoders Product and Services
Table 78. Netzer Precision Position Sensors Miniature Absolute Encoders Sales (K Units), Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)
Table 79. Pepperl+Fuchs Basic Information, Manufacturing Base and Competitors
Table 80. Pepperl+Fuchs Major Business
Table 81. Pepperl+Fuchs Miniature Absolute Encoders Product and Services
Table 82. Pepperl+Fuchs Miniature Absolute Encoders Sales (K Units), Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 83. Ifm Electronic Basic Information, Manufacturing Base and Competitors

Table 84. Ifm Electronic Major Business

Table 85. Ifm Electronic Miniature Absolute Encoders Product and Services

Table 86. Ifm Electronic Miniature Absolute Encoders Sales (K Units), Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 87. US Digital Basic Information, Manufacturing Base and Competitors

Table 88. US Digital Major Business

Table 89. US Digital Miniature Absolute Encoders Product and Services

Table 90. US Digital Miniature Absolute Encoders Sales (K Units), Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 91. CUI Inc Basic Information, Manufacturing Base and Competitors

Table 92. CUI Inc Major Business

Table 93. CUI Inc Miniature Absolute Encoders Product and Services

Table 94. CUI Inc Miniature Absolute Encoders Sales (K Units), Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 95. Yuheng Optics Basic Information, Manufacturing Base and Competitors

Table 96. Yuheng Optics Major Business

Table 97. Yuheng Optics Miniature Absolute Encoders Product and Services

Table 98. Yuheng Optics Miniature Absolute Encoders Sales (K Units), Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 99. Sanfeng Basic Information, Manufacturing Base and Competitors

Table 100. Sanfeng Major Business

Table 101. Sanfeng Miniature Absolute Encoders Product and Services

Table 102. Sanfeng Miniature Absolute Encoders Sales (K Units), Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019, 2020, 2021, and 2022)

Table 103. Global Miniature Absolute Encoders Sales by Manufacturer (2019, 2020, 2021, and 2022) & (K Units)

Table 104. Global Miniature Absolute Encoders Revenue by Manufacturer (2019, 2020, 2021, and 2022) & (USD Million)

Table 105. Market Position of Manufacturers in Miniature Absolute Encoders, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2021

Table 106. Global Miniature Absolute Encoders Production Capacity by Company, (K Units): 2020 VS 2021

Table 107. Head Office and Miniature Absolute Encoders Production Site of Key Manufacturer

Table 108. Miniature Absolute Encoders New Entrant and Capacity Expansion Plans

Table 109. Miniature Absolute Encoders Mergers & Acquisitions in the Past Five Years

Table 110. Global Miniature Absolute Encoders Sales by Region (2017-2022) & (K

Units)

Table 111. Global Miniature Absolute Encoders Sales by Region (2023-2028) & (K Units)

Table 112. Global Miniature Absolute Encoders Revenue by Region (2017-2022) & (USD Million)

Table 113. Global Miniature Absolute Encoders Revenue by Region (2023-2028) & (USD Million)

Table 114. Global Miniature Absolute Encoders Sales by Type (2017-2022) & (K Units)

Table 115. Global Miniature Absolute Encoders Sales by Type (2023-2028) & (K Units)

Table 116. Global Miniature Absolute Encoders Revenue by Type (2017-2022) & (USD Million)

Table 117. Global Miniature Absolute Encoders Revenue by Type (2023-2028) & (USD Million)

Table 118. Global Miniature Absolute Encoders Price by Type (2017-2022) & (US\$/Unit)

Table 119. Global Miniature Absolute Encoders Price by Type (2023-2028) & (US\$/Unit)

Table 120. Global Miniature Absolute Encoders Sales by Application (2017-2022) & (K Units)

Table 121. Global Miniature Absolute Encoders Sales by Application (2023-2028) & (K Units)

Table 122. Global Miniature Absolute Encoders Revenue by Application (2017-2022) & (USD Million)

Table 123. Global Miniature Absolute Encoders Revenue by Application (2023-2028) & (USD Million)

Table 124. Global Miniature Absolute Encoders Price by Application (2017-2022) & (US\$/Unit)

Table 125. Global Miniature Absolute Encoders Price by Application (2023-2028) & (US\$/Unit)

Table 126. North America Miniature Absolute Encoders Sales by Country (2017-2022) & (K Units)

Table 127. North America Miniature Absolute Encoders Sales by Country (2023-2028) & (K Units)

Table 128. North America Miniature Absolute Encoders Revenue by Country (2017-2022) & (USD Million)

Table 129. North America Miniature Absolute Encoders Revenue by Country (2023-2028) & (USD Million)

Table 130. North America Miniature Absolute Encoders Sales by Type (2017-2022) & (K Units)

Table 131. North America Miniature Absolute Encoders Sales by Type (2023-2028) & (K Units)

Table 132. North America Miniature Absolute Encoders Sales by Application (2017-2022) & (K Units)

Table 133. North America Miniature Absolute Encoders Sales by Application (2023-2028) & (K Units)

Table 134. Europe Miniature Absolute Encoders Sales by Country (2017-2022) & (K Units)

Table 135. Europe Miniature Absolute Encoders Sales by Country (2023-2028) & (K Units)

Table 136. Europe Miniature Absolute Encoders Revenue by Country (2017-2022) & (USD Million)

Table 137. Europe Miniature Absolute Encoders Revenue by Country (2023-2028) & (USD Million)

Table 138. Europe Miniature Absolute Encoders Sales by Type (2017-2022) & (K Units)

Table 139. Europe Miniature Absolute Encoders Sales by Type (2023-2028) & (K Units)

Table 140. Europe Miniature Absolute Encoders Sales by Application (2017-2022) & (K Units)

Table 141. Europe Miniature Absolute Encoders Sales by Application (2023-2028) & (K Units)

Table 142. Asia-Pacific Miniature Absolute Encoders Sales by Region (2017-2022) & (K Units)

Table 143. Asia-Pacific Miniature Absolute Encoders Sales by Region (2023-2028) & (K Units)

Table 144. Asia-Pacific Miniature Absolute Encoders Revenue by Region (2017-2022) & (USD Million)

Table 145. Asia-Pacific Miniature Absolute Encoders Revenue by Region (2023-2028) & (USD Million)

Table 146. Asia-Pacific Miniature Absolute Encoders Sales by Type (2017-2022) & (K Units)

Table 147. Asia-Pacific Miniature Absolute Encoders Sales by Type (2023-2028) & (K Units)

Table 148. Asia-Pacific Miniature Absolute Encoders Sales by Application (2017-2022) & (K Units)

Table 149. Asia-Pacific Miniature Absolute Encoders Sales by Application (2023-2028) & (K Units)

Table 150. South America Miniature Absolute Encoders Sales by Country (2017-2022) & (K Units)

Table 151. South America Miniature Absolute Encoders Sales by Country (2023-2028) & (K Units)

Table 152. South America Miniature Absolute Encoders Revenue by Country

(2017-2022) & (USD Million)

Table 153. South America Miniature Absolute Encoders Revenue by Country

(2023-2028) & (USD Million)

Table 154. South America Miniature Absolute Encoders Sales by Type (2017-2022) & (K Units)

Table 155. South America Miniature Absolute Encoders Sales by Type (2023-2028) & (K Units)

Table 156. South America Miniature Absolute Encoders Sales by Application (2017-2022) & (K Units)

Table 157. South America Miniature Absolute Encoders Sales by Application (2023-2028) & (K Units)

Table 158. Middle East & Africa Miniature Absolute Encoders Sales by Region (2017-2022) & (K Units)

Table 159. Middle East & Africa Miniature Absolute Encoders Sales by Region (2023-2028) & (K Units)

Table 160. Middle East & Africa Miniature Absolute Encoders Revenue by Region (2017-2022) & (USD Million)

Table 161. Middle East & Africa Miniature Absolute Encoders Revenue by Region (2023-2028) & (USD Million)

Table 162. Middle East & Africa Miniature Absolute Encoders Sales by Type (2017-2022) & (K Units)

Table 163. Middle East & Africa Miniature Absolute Encoders Sales by Type (2023-2028) & (K Units)

Table 164. Middle East & Africa Miniature Absolute Encoders Sales by Application (2017-2022) & (K Units)

Table 165. Middle East & Africa Miniature Absolute Encoders Sales by Application (2023-2028) & (K Units)

Table 166. Miniature Absolute Encoders Raw Material

Table 167. Key Manufacturers of Miniature Absolute Encoders Raw Materials

Table 168. Direct Channel Pros & Cons

Table 169. Indirect Channel Pros & Cons

Table 170. Miniature Absolute Encoders Typical Distributors

Table 171. Miniature Absolute Encoders Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. Miniature Absolute Encoders Picture

Figure 2. Global Miniature Absolute Encoders Revenue Market Share by Type in 2021

Figure 3. Single-Turn Encoders

Figure 4. Multi-Turn Encoders

Figure 5. Global Miniature Absolute Encoders Revenue Market Share by Application in 2021

Figure 6. Industrial

Figure 7. Medical Industry

Figure 8. Robot Industry

Figure 9. Others

Figure 10. Global Miniature Absolute Encoders Revenue, (USD Million) & (K Units): 2017 & 2021 & 2028

Figure 11. Global Miniature Absolute Encoders Revenue and Forecast (2017-2028) & (USD Million)

Figure 12. Global Miniature Absolute Encoders Sales (2017-2028) & (K Units)

Figure 13. Global Miniature Absolute Encoders Price (2017-2028) & (US\$/Unit)

Figure 14. Global Miniature Absolute Encoders Production Capacity (2017-2028) & (K Units)

Figure 15. Global Miniature Absolute Encoders Production Capacity by Geographic Region: 2022 VS 2028

Figure 16. Miniature Absolute Encoders Market Drivers

Figure 17. Miniature Absolute Encoders Market Restraints

Figure 18. Miniature Absolute Encoders Market Trends

Figure 19. Global Miniature Absolute Encoders Sales Market Share by Manufacturer in 2021

Figure 20. Global Miniature Absolute Encoders Revenue Market Share by Manufacturer in 2021

Figure 21. Miniature Absolute Encoders Market Share by Company Type (Tier 1, Tier 2, and Tier 3) in 2021

Figure 22. Top 3 Miniature Absolute Encoders Manufacturer (Revenue) Market Share in 2021

Figure 23. Top 6 Miniature Absolute Encoders Manufacturer (Revenue) Market Share in 2021

Figure 24. Global Miniature Absolute Encoders Sales Market Share by Region (2017-2028)

Figure 25. Global Miniature Absolute Encoders Revenue Market Share by Region (2017-2028)

Figure 26. North America Miniature Absolute Encoders Revenue (2017-2028) & (USD Million)

Figure 27. Europe Miniature Absolute Encoders Revenue (2017-2028) & (USD Million)

Figure 28. Asia-Pacific Miniature Absolute Encoders Revenue (2017-2028) & (USD Million)

Figure 29. South America Miniature Absolute Encoders Revenue (2017-2028) & (USD Million)

Figure 30. Middle East & Africa Miniature Absolute Encoders Revenue (2017-2028) & (USD Million)

Figure 31. Global Miniature Absolute Encoders Sales Market Share by Type (2017-2028)

Figure 32. Global Miniature Absolute Encoders Revenue Market Share by Type (2017-2028)

Figure 33. Global Miniature Absolute Encoders Price by Type (2017-2028) & (US\$/Unit)

Figure 34. Global Miniature Absolute Encoders Sales Market Share by Application (2017-2028)

Figure 35. Global Miniature Absolute Encoders Revenue Market Share by Application (2017-2028)

Figure 36. Global Miniature Absolute Encoders Price by Application (2017-2028) & (US\$/Unit)

Figure 37. North America Miniature Absolute Encoders Sales Market Share by Type (2017-2028)

Figure 38. North America Miniature Absolute Encoders Sales Market Share by Application (2017-2028)

Figure 39. North America Miniature Absolute Encoders Sales Market Share by Country (2017-2028)

Figure 40. North America Miniature Absolute Encoders Revenue Market Share by Country (2017-2028)

Figure 41. United States Miniature Absolute Encoders Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 42. Canada Miniature Absolute Encoders Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 43. Mexico Miniature Absolute Encoders Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 44. Europe Miniature Absolute Encoders Sales Market Share by Type (2017-2028)

Figure 45. Europe Miniature Absolute Encoders Sales Market Share by Application

(2017-2028)

Figure 46. Europe Miniature Absolute Encoders Sales Market Share by Country

(2017-2028)

Figure 47. Europe Miniature Absolute Encoders Revenue Market Share by Country

(2017-2028)

Figure 48. Germany Miniature Absolute Encoders Revenue and Growth Rate

(2017-2028) & (USD Million)

Figure 49. France Miniature Absolute Encoders Revenue and Growth Rate (2017-2028)

& (USD Million)

Figure 50. United Kingdom Miniature Absolute Encoders Revenue and Growth Rate

(2017-2028) & (USD Million)

Figure 51. Russia Miniature Absolute Encoders Revenue and Growth Rate (2017-2028)

& (USD Million)

Figure 52. Italy Miniature Absolute Encoders Revenue and Growth Rate (2017-2028) &

(USD Million)

Figure 53. Asia-Pacific Miniature Absolute Encoders Sales Market Share by Region

(2017-2028)

Figure 54. Asia-Pacific Miniature Absolute Encoders Sales Market Share by Application

(2017-2028)

Figure 55. Asia-Pacific Miniature Absolute Encoders Sales Market Share by Region

(2017-2028)

Figure 56. Asia-Pacific Miniature Absolute Encoders Revenue Market Share by Region

(2017-2028)

Figure 57. China Miniature Absolute Encoders Revenue and Growth Rate (2017-2028)

& (USD Million)

Figure 58. Japan Miniature Absolute Encoders Revenue and Growth Rate (2017-2028)

& (USD Million)

Figure 59. Korea Miniature Absolute Encoders Revenue and Growth Rate (2017-2028)

& (USD Million)

Figure 60. India Miniature Absolute Encoders Revenue and Growth Rate (2017-2028) &

(USD Million)

Figure 61. Southeast Asia Miniature Absolute Encoders Revenue and Growth Rate

(2017-2028) & (USD Million)

Figure 62. Australia Miniature Absolute Encoders Revenue and Growth Rate

(2017-2028) & (USD Million)

Figure 63. South America Miniature Absolute Encoders Sales Market Share by Type

(2017-2028)

Figure 64. South America Miniature Absolute Encoders Sales Market Share by

Application (2017-2028)

Figure 65. South America Miniature Absolute Encoders Sales Market Share by Country (2017-2028)

Figure 66. South America Miniature Absolute Encoders Revenue Market Share by Country (2017-2028)

Figure 67. Brazil Miniature Absolute Encoders Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 68. Argentina Miniature Absolute Encoders Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 69. Middle East & Africa Miniature Absolute Encoders Sales Market Share by Type (2017-2028)

Figure 70. Middle East & Africa Miniature Absolute Encoders Sales Market Share by Application (2017-2028)

Figure 71. Middle East & Africa Miniature Absolute Encoders Sales Market Share by Region (2017-2028)

Figure 72. Middle East & Africa Miniature Absolute Encoders Revenue Market Share by Region (2017-2028)

Figure 73. Turkey Miniature Absolute Encoders Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 74. Egypt Miniature Absolute Encoders Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 75. Saudi Arabia Miniature Absolute Encoders Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 76. South Africa Miniature Absolute Encoders Revenue and Growth Rate (2017-2028) & (USD Million)

Figure 77. Manufacturing Cost Structure Analysis of Miniature Absolute Encoders in 2021

Figure 78. Manufacturing Process Analysis of Miniature Absolute Encoders

Figure 79. Miniature Absolute Encoders Industrial Chain

Figure 80. Sales Channel: Direct Channel vs Indirect Channel

Figure 81. Methodology

Figure 82. Research Process and Data Source

I would like to order

Product name: Global Miniature Absolute Encoders Market 2022 by Manufacturers, Regions, Type and Application, Forecast to 2028

Product link: <https://marketpublishers.com/r/G1BDBC6A065CEN.html>

Price: US\$ 3,132.00 (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/G1BDBC6A065CEN.html>