

Global Capacitive Modulation Encoders Market Growth 2026-2032

<https://marketpublishers.com/r/G530B8280DD6EN.html>

Date: January 2026

Pages: 106

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

ID: G530B8280DD6EN

Abstracts

The global Capacitive Modulation Encoders market size is predicted to grow from US\$ 1220 million in 2025 to US\$ 2286 million in 2032; it is expected to grow at a CAGR of 9.4% from 2026 to 2032.

In 2025, global sales of capacitive modulation encoders across various applications reached approximately 23.8 million units. Based on system design and purchase orders, the unit price was approximately USD 52.4, with a gross profit margin of approximately 28%–38%. Typical product structures include: a rotor disk or linear scale with periodic electrode patterns (multilayer PCB, glass, or metal substrate), stator-side excitation and receiving electrode arrays, a dedicated capacitance measurement ASIC, signal conditioning and interpolation circuits, interface conversion modules (ABZ, SSI, BiSS-C, SPI, RS-485, TTL/RS-422 differential output), housing, and bearings/mounting flanges. General parameters typically include: resolution 12–22 bit (up to 23–24 bit absolute value for high-end models), system accuracy ± 10 – ± 60 arcseconds (up to several arcseconds for high-end aerospace/robotics models), operating speed 3,000–10,000 rpm (up to several m/s for linear models), supply voltage 4.5–5.5 V or 9–30 V, operating temperature -40 to $+105$ °C, and vibration resistance meeting industrial or military standards. Typical usage: A six-axis industrial robot typically uses 6–7 capacitive modulation encoders (including joints and additional axes); a semiconductor conveyor/exposure platform uses 3–6 linear/rotary capacitive modulation encoders; a mid-to-high-end servo motor test bench or turntable uses 1–2; and a medical imaging device (such as a CT/Gantry) uses 1–3. Upstream in the industry chain, capacitive encoders mainly rely on high-stability PCBs/glass substrates, copper/aluminum electrode materials, high-stability dielectric materials, dedicated capacitance measurement ASICs and mixed-signal chips, connectors, and cable assemblies. Downstream, they are concentrated in robot and collaborative robot

manufacturers, machine tool and motion control system manufacturers, semiconductor and electronic manufacturing equipment manufacturers, AGV/AMR manufacturers, and medical imaging and aerospace equipment companies.

United States market for Capacitive Modulation Encoders is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for Capacitive Modulation Encoders is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for Capacitive Modulation Encoders is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key Capacitive Modulation Encoders players cover Kappasense, Same Sky, Netzer, TR Electronic, Heidenhain, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

LP Information, Inc. (LPI) ' newest research report, the "Capacitive Modulation Encoders Industry Forecast" looks at past sales and reviews total world Capacitive Modulation Encoders sales in 2025, providing a comprehensive analysis by region and market sector of projected Capacitive Modulation Encoders sales for 2026 through 2032. With Capacitive Modulation Encoders sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Capacitive Modulation Encoders industry.

This Insight Report provides a comprehensive analysis of the global Capacitive Modulation Encoders 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 Capacitive Modulation Encoders portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Capacitive Modulation Encoders market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Capacitive Modulation Encoders and breaks down the forecast by Maximum Speed, 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 Capacitive

Modulation Encoders.

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

Segmentation by Maximum Speed:

7500 RPM

8000 RPM

10000 RPM

Others

Segmentation by Input Voltage:

3.6V

4.5V

Others

Segmentation by Orientation:

Axial

Radial

Segmentation by Application:

Industrial Automation

Aerospace

Medical

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 analysing the company's coverage, product portfolio, its market penetration.

Kappasense

Same Sky

Netzer

TR Electronic

Heidenhain

PoLabs

Posital-Fraba

Hengstler

Bourns

SICK

Georg Schlegel

Micro-Epsilon

Key Questions Addressed in this Report

What is the 10-year outlook for the global Capacitive Modulation Encoders market?

What factors are driving Capacitive Modulation Encoders market growth, globally and by region?

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

How do Capacitive Modulation Encoders market opportunities vary by end market size?

How does Capacitive Modulation Encoders break out by Maximum Speed, by 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 Capacitive Modulation Encoders Annual Sales 2021-2032
- 2.1.2 World Current & Future Analysis for Capacitive Modulation Encoders by Geographic Region, 2021, 2025 & 2032
- 2.1.3 World Current & Future Analysis for Capacitive Modulation Encoders by Country/Region, 2021, 2025 & 2032

2.2 Capacitive Modulation Encoders Segment by Maximum Speed

- 2.2.1 7500 RPM
 - 2.2.2 8000 RPM
 - 2.2.3 10000 RPM
 - 2.2.4 Others
 - 2.2.5 Capacitive Modulation Encoders Sales by Maximum Speed
 - 2.2.5.1 Global Capacitive Modulation Encoders Sales Market Share by Maximum Speed (2021-2026)
 - 2.2.5.2 Global Capacitive Modulation Encoders Revenue and Market Share by Maximum Speed (2021-2026)
 - 2.2.5.3 Global Capacitive Modulation Encoders Sale Price by Maximum Speed (2021-2026)
- #### 2.3 Capacitive Modulation Encoders Segment by Input Voltage
- 2.3.1 3.6V
 - 2.3.2 4.5V
 - 2.3.3 Others
 - 2.3.4 Capacitive Modulation Encoders Sales by Input Voltage
 - 2.3.4.1 Global Capacitive Modulation Encoders Sales Market Share by Input Voltage

(2021-2026)

2.3.4.2 Global Capacitive Modulation Encoders Revenue and Market Share by Input Voltage (2021-2026)

2.3.4.3 Global Capacitive Modulation Encoders Sale Price by Input Voltage (2021-2026)

2.4 Capacitive Modulation Encoders Segment by Orientation

2.4.1 Axial

2.4.2 Radial

2.4.3 Capacitive Modulation Encoders Sales by Orientation

2.4.3.1 Global Capacitive Modulation Encoders Sales Market Share by Orientation (2021-2026)

2.4.3.2 Global Capacitive Modulation Encoders Revenue and Market Share by Orientation (2021-2026)

2.4.3.3 Global Capacitive Modulation Encoders Sale Price by Orientation (2021-2026)

2.5 Capacitive Modulation Encoders Segment by Application

2.5.1 Industrial Automation

2.5.2 Aerospace

2.5.3 Medical

2.5.4 Others

2.5.5 Capacitive Modulation Encoders Sales by Application

2.5.5.1 Global Capacitive Modulation Encoders Sale Market Share by Application (2021-2026)

2.5.5.2 Global Capacitive Modulation Encoders Revenue and Market Share by Application (2021-2026)

2.5.5.3 Global Capacitive Modulation Encoders Sale Price by Application (2021-2026)

3 GLOBAL BY COMPANY

3.1 Global Capacitive Modulation Encoders Breakdown Data by Company

3.1.1 Global Capacitive Modulation Encoders Annual Sales by Company (2021-2026)

3.1.2 Global Capacitive Modulation Encoders Sales Market Share by Company (2021-2026)

3.2 Global Capacitive Modulation Encoders Annual Revenue by Company (2021-2026)

3.2.1 Global Capacitive Modulation Encoders Revenue by Company (2021-2026)

3.2.2 Global Capacitive Modulation Encoders Revenue Market Share by Company (2021-2026)

3.3 Global Capacitive Modulation Encoders Sale Price by Company

3.4 Key Manufacturers Capacitive Modulation Encoders Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Capacitive Modulation Encoders Product Location Distribution

3.4.2 Players Capacitive Modulation Encoders Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR CAPACITIVE MODULATION ENCODERS BY GEOGRAPHIC REGION

4.1 World Historic Capacitive Modulation Encoders Market Size by Geographic Region (2021-2026)

4.1.1 Global Capacitive Modulation Encoders Annual Sales by Geographic Region (2021-2026)

4.1.2 Global Capacitive Modulation Encoders Annual Revenue by Geographic Region (2021-2026)

4.2 World Historic Capacitive Modulation Encoders Market Size by Country/Region (2021-2026)

4.2.1 Global Capacitive Modulation Encoders Annual Sales by Country/Region (2021-2026)

4.2.2 Global Capacitive Modulation Encoders Annual Revenue by Country/Region (2021-2026)

4.3 Americas Capacitive Modulation Encoders Sales Growth

4.4 APAC Capacitive Modulation Encoders Sales Growth

4.5 Europe Capacitive Modulation Encoders Sales Growth

4.6 Middle East & Africa Capacitive Modulation Encoders Sales Growth

5 AMERICAS

5.1 Americas Capacitive Modulation Encoders Sales by Country

5.1.1 Americas Capacitive Modulation Encoders Sales by Country (2021-2026)

5.1.2 Americas Capacitive Modulation Encoders Revenue by Country (2021-2026)

5.2 Americas Capacitive Modulation Encoders Sales by Maximum Speed (2021-2026)

5.3 Americas Capacitive Modulation Encoders Sales by Application (2021-2026)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Capacitive Modulation Encoders Sales by Region

6.1.1 APAC Capacitive Modulation Encoders Sales by Region (2021-2026)

6.1.2 APAC Capacitive Modulation Encoders Revenue by Region (2021-2026)

6.2 APAC Capacitive Modulation Encoders Sales by Maximum Speed (2021-2026)

6.3 APAC Capacitive Modulation Encoders Sales by Application (2021-2026)

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 Capacitive Modulation Encoders by Country

7.1.1 Europe Capacitive Modulation Encoders Sales by Country (2021-2026)

7.1.2 Europe Capacitive Modulation Encoders Revenue by Country (2021-2026)

7.2 Europe Capacitive Modulation Encoders Sales by Maximum Speed (2021-2026)

7.3 Europe Capacitive Modulation Encoders Sales by Application (2021-2026)

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Capacitive Modulation Encoders by Country

8.1.1 Middle East & Africa Capacitive Modulation Encoders Sales by Country (2021-2026)

8.1.2 Middle East & Africa Capacitive Modulation Encoders Revenue by Country (2021-2026)

8.2 Middle East & Africa Capacitive Modulation Encoders Sales by Maximum Speed (2021-2026)

8.3 Middle East & Africa Capacitive Modulation Encoders Sales by Application (2021-2026)

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 Capacitive Modulation Encoders

10.3 Manufacturing Process Analysis of Capacitive Modulation Encoders

10.4 Industry Chain Structure of Capacitive Modulation Encoders

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Capacitive Modulation Encoders Distributors

11.3 Capacitive Modulation Encoders Customer

12 WORLD FORECAST REVIEW FOR CAPACITIVE MODULATION ENCODERS BY GEOGRAPHIC REGION

12.1 Global Capacitive Modulation Encoders Market Size Forecast by Region

12.1.1 Global Capacitive Modulation Encoders Forecast by Region (2027-2032)

12.1.2 Global Capacitive Modulation Encoders Annual Revenue Forecast by Region (2027-2032)

12.2 Americas Forecast by Country (2027-2032)

- 12.3 APAC Forecast by Region (2027-2032)
- 12.4 Europe Forecast by Country (2027-2032)
- 12.5 Middle East & Africa Forecast by Country (2027-2032)
- 12.6 Global Capacitive Modulation Encoders Forecast by Maximum Speed (2027-2032)
- 12.7 Global Capacitive Modulation Encoders Forecast by Application (2027-2032)

13 KEY PLAYERS ANALYSIS

13.1 Kappasense

13.1.1 Kappasense Company Information

13.1.2 Kappasense Capacitive Modulation Encoders Product Portfolios and Specifications

13.1.3 Kappasense Capacitive Modulation Encoders Sales, Revenue, Price and Gross Margin (2021-2026)

13.1.4 Kappasense Main Business Overview

13.1.5 Kappasense Latest Developments

13.2 Same Sky

13.2.1 Same Sky Company Information

13.2.2 Same Sky Capacitive Modulation Encoders Product Portfolios and Specifications

13.2.3 Same Sky Capacitive Modulation Encoders Sales, Revenue, Price and Gross Margin (2021-2026)

13.2.4 Same Sky Main Business Overview

13.2.5 Same Sky Latest Developments

13.3 Netzer

13.3.1 Netzer Company Information

13.3.2 Netzer Capacitive Modulation Encoders Product Portfolios and Specifications

13.3.3 Netzer Capacitive Modulation Encoders Sales, Revenue, Price and Gross Margin (2021-2026)

13.3.4 Netzer Main Business Overview

13.3.5 Netzer Latest Developments

13.4 TR Electronic

13.4.1 TR Electronic Company Information

13.4.2 TR Electronic Capacitive Modulation Encoders Product Portfolios and Specifications

13.4.3 TR Electronic Capacitive Modulation Encoders Sales, Revenue, Price and Gross Margin (2021-2026)

13.4.4 TR Electronic Main Business Overview

13.4.5 TR Electronic Latest Developments

13.5 Heidenhain

13.5.1 Heidenhain Company Information

13.5.2 Heidenhain Capacitive Modulation Encoders Product Portfolios and Specifications

13.5.3 Heidenhain Capacitive Modulation Encoders Sales, Revenue, Price and Gross Margin (2021-2026)

13.5.4 Heidenhain Main Business Overview

13.5.5 Heidenhain Latest Developments

13.6 PoLabs

13.6.1 PoLabs Company Information

13.6.2 PoLabs Capacitive Modulation Encoders Product Portfolios and Specifications

13.6.3 PoLabs Capacitive Modulation Encoders Sales, Revenue, Price and Gross Margin (2021-2026)

13.6.4 PoLabs Main Business Overview

13.6.5 PoLabs Latest Developments

13.7 Posital-Fraba

13.7.1 Posital-Fraba Company Information

13.7.2 Posital-Fraba Capacitive Modulation Encoders Product Portfolios and Specifications

13.7.3 Posital-Fraba Capacitive Modulation Encoders Sales, Revenue, Price and Gross Margin (2021-2026)

13.7.4 Posital-Fraba Main Business Overview

13.7.5 Posital-Fraba Latest Developments

13.8 Hengstler

13.8.1 Hengstler Company Information

13.8.2 Hengstler Capacitive Modulation Encoders Product Portfolios and Specifications

13.8.3 Hengstler Capacitive Modulation Encoders Sales, Revenue, Price and Gross Margin (2021-2026)

13.8.4 Hengstler Main Business Overview

13.8.5 Hengstler Latest Developments

13.9 Bourns

13.9.1 Bourns Company Information

13.9.2 Bourns Capacitive Modulation Encoders Product Portfolios and Specifications

13.9.3 Bourns Capacitive Modulation Encoders Sales, Revenue, Price and Gross Margin (2021-2026)

13.9.4 Bourns Main Business Overview

13.9.5 Bourns Latest Developments

13.10 SICK

- 13.10.1 SICK Company Information
- 13.10.2 SICK Capacitive Modulation Encoders Product Portfolios and Specifications
- 13.10.3 SICK Capacitive Modulation Encoders Sales, Revenue, Price and Gross Margin (2021-2026)
- 13.10.4 SICK Main Business Overview
- 13.10.5 SICK Latest Developments
- 13.11 Georg Schlegel
 - 13.11.1 Georg Schlegel Company Information
 - 13.11.2 Georg Schlegel Capacitive Modulation Encoders Product Portfolios and Specifications
 - 13.11.3 Georg Schlegel Capacitive Modulation Encoders Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.11.4 Georg Schlegel Main Business Overview
 - 13.11.5 Georg Schlegel Latest Developments
- 13.12 Micro-Epsilon
 - 13.12.1 Micro-Epsilon Company Information
 - 13.12.2 Micro-Epsilon Capacitive Modulation Encoders Product Portfolios and Specifications
 - 13.12.3 Micro-Epsilon Capacitive Modulation Encoders Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.12.4 Micro-Epsilon Main Business Overview
 - 13.12.5 Micro-Epsilon Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

- Table 1. Capacitive Modulation Encoders Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Table 2. Capacitive Modulation Encoders Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & (\$ millions)
- Table 3. Major Players of 7500 RPM
- Table 4. Major Players of 8000 RPM
- Table 5. Major Players of 10000 RPM
- Table 6. Major Players of Others
- Table 7. Global Capacitive Modulation Encoders Sales by Maximum Speed (2021-2026) & (K Units)
- Table 8. Global Capacitive Modulation Encoders Sales Market Share by Maximum Speed (2021-2026)
- Table 9. Global Capacitive Modulation Encoders Revenue by Maximum Speed (2021-2026) & (\$ million)
- Table 10. Global Capacitive Modulation Encoders Revenue Market Share by Maximum Speed (2021-2026)
- Table 11. Global Capacitive Modulation Encoders Sale Price by Maximum Speed (2021-2026) & (US\$/Unit)
- Table 12. Major Players of 3.6V
- Table 13. Major Players of 4.5V
- Table 14. Major Players of Others
- Table 15. Global Capacitive Modulation Encoders Sales by Input Voltage (2021-2026) & (K Units)
- Table 16. Global Capacitive Modulation Encoders Sales Market Share by Input Voltage (2021-2026)
- Table 17. Global Capacitive Modulation Encoders Revenue by Input Voltage (2021-2026) & (\$ million)
- Table 18. Global Capacitive Modulation Encoders Revenue Market Share by Input Voltage (2021-2026)
- Table 19. Global Capacitive Modulation Encoders Sale Price by Input Voltage (2021-2026) & (US\$/Unit)
- Table 20. Major Players of Axial
- Table 21. Major Players of Radial
- Table 22. Global Capacitive Modulation Encoders Sales by Orientation (2021-2026) & (K Units)

Table 23. Global Capacitive Modulation Encoders Sales Market Share by Orientation (2021-2026)

Table 24. Global Capacitive Modulation Encoders Revenue by Orientation (2021-2026) & (\$ million)

Table 25. Global Capacitive Modulation Encoders Revenue Market Share by Orientation (2021-2026)

Table 26. Global Capacitive Modulation Encoders Sale Price by Orientation (2021-2026) & (US\$/Unit)

Table 27. Global Capacitive Modulation Encoders Sale by Application (2021-2026) & (K Units)

Table 28. Global Capacitive Modulation Encoders Sale Market Share by Application (2021-2026)

Table 29. Global Capacitive Modulation Encoders Revenue by Application (2021-2026) & (\$ million)

Table 30. Global Capacitive Modulation Encoders Revenue Market Share by Application (2021-2026)

Table 31. Global Capacitive Modulation Encoders Sale Price by Application (2021-2026) & (US\$/Unit)

Table 32. Global Capacitive Modulation Encoders Sales by Company (2021-2026) & (K Units)

Table 33. Global Capacitive Modulation Encoders Sales Market Share by Company (2021-2026)

Table 34. Global Capacitive Modulation Encoders Revenue by Company (2021-2026) & (\$ millions)

Table 35. Global Capacitive Modulation Encoders Revenue Market Share by Company (2021-2026)

Table 36. Global Capacitive Modulation Encoders Sale Price by Company (2021-2026) & (US\$/Unit)

Table 37. Key Manufacturers Capacitive Modulation Encoders Producing Area Distribution and Sales Area

Table 38. Players Capacitive Modulation Encoders Products Offered

Table 39. Capacitive Modulation Encoders Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

Table 40. New Products and Potential Entrants

Table 41. Market M&A Activity & Strategy

Table 42. Global Capacitive Modulation Encoders Sales by Geographic Region (2021-2026) & (K Units)

Table 43. Global Capacitive Modulation Encoders Sales Market Share Geographic Region (2021-2026)

Table 44. Global Capacitive Modulation Encoders Revenue by Geographic Region (2021-2026) & (\$ millions)

Table 45. Global Capacitive Modulation Encoders Revenue Market Share by Geographic Region (2021-2026)

Table 46. Global Capacitive Modulation Encoders Sales by Country/Region (2021-2026) & (K Units)

Table 47. Global Capacitive Modulation Encoders Sales Market Share by Country/Region (2021-2026)

Table 48. Global Capacitive Modulation Encoders Revenue by Country/Region (2021-2026) & (\$ millions)

Table 49. Global Capacitive Modulation Encoders Revenue Market Share by Country/Region (2021-2026)

Table 50. Americas Capacitive Modulation Encoders Sales by Country (2021-2026) & (K Units)

Table 51. Americas Capacitive Modulation Encoders Sales Market Share by Country (2021-2026)

Table 52. Americas Capacitive Modulation Encoders Revenue by Country (2021-2026) & (\$ millions)

Table 53. Americas Capacitive Modulation Encoders Sales by Maximum Speed (2021-2026) & (K Units)

Table 54. Americas Capacitive Modulation Encoders Sales by Application (2021-2026) & (K Units)

Table 55. APAC Capacitive Modulation Encoders Sales by Region (2021-2026) & (K Units)

Table 56. APAC Capacitive Modulation Encoders Sales Market Share by Region (2021-2026)

Table 57. APAC Capacitive Modulation Encoders Revenue by Region (2021-2026) & (\$ millions)

Table 58. APAC Capacitive Modulation Encoders Sales by Maximum Speed (2021-2026) & (K Units)

Table 59. APAC Capacitive Modulation Encoders Sales by Application (2021-2026) & (K Units)

Table 60. Europe Capacitive Modulation Encoders Sales by Country (2021-2026) & (K Units)

Table 61. Europe Capacitive Modulation Encoders Revenue by Country (2021-2026) & (\$ millions)

Table 62. Europe Capacitive Modulation Encoders Sales by Maximum Speed (2021-2026) & (K Units)

Table 63. Europe Capacitive Modulation Encoders Sales by Application (2021-2026) &

(K Units)

Table 64. Middle East & Africa Capacitive Modulation Encoders Sales by Country (2021-2026) & (K Units)

Table 65. Middle East & Africa Capacitive Modulation Encoders Revenue Market Share by Country (2021-2026)

Table 66. Middle East & Africa Capacitive Modulation Encoders Sales by Maximum Speed (2021-2026) & (K Units)

Table 67. Middle East & Africa Capacitive Modulation Encoders Sales by Application (2021-2026) & (K Units)

Table 68. Key Market Drivers & Growth Opportunities of Capacitive Modulation Encoders

Table 69. Key Market Challenges & Risks of Capacitive Modulation Encoders

Table 70. Key Industry Trends of Capacitive Modulation Encoders

Table 71. Capacitive Modulation Encoders Raw Material

Table 72. Key Suppliers of Raw Materials

Table 73. Capacitive Modulation Encoders Distributors List

Table 74. Capacitive Modulation Encoders Customer List

Table 75. Global Capacitive Modulation Encoders Sales Forecast by Region (2027-2032) & (K Units)

Table 76. Global Capacitive Modulation Encoders Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 77. Americas Capacitive Modulation Encoders Sales Forecast by Country (2027-2032) & (K Units)

Table 78. Americas Capacitive Modulation Encoders Annual Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 79. APAC Capacitive Modulation Encoders Sales Forecast by Region (2027-2032) & (K Units)

Table 80. APAC Capacitive Modulation Encoders Annual Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 81. Europe Capacitive Modulation Encoders Sales Forecast by Country (2027-2032) & (K Units)

Table 82. Europe Capacitive Modulation Encoders Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 83. Middle East & Africa Capacitive Modulation Encoders Sales Forecast by Country (2027-2032) & (K Units)

Table 84. Middle East & Africa Capacitive Modulation Encoders Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 85. Global Capacitive Modulation Encoders Sales Forecast by Maximum Speed (2027-2032) & (K Units)

Table 86. Global Capacitive Modulation Encoders Revenue Forecast by Maximum Speed (2027-2032) & (\$ millions)

Table 87. Global Capacitive Modulation Encoders Sales Forecast by Application (2027-2032) & (K Units)

Table 88. Global Capacitive Modulation Encoders Revenue Forecast by Application (2027-2032) & (\$ millions)

Table 89. Kappasense Basic Information, Capacitive Modulation Encoders Manufacturing Base, Sales Area and Its Competitors

Table 90. Kappasense Capacitive Modulation Encoders Product Portfolios and Specifications

Table 91. Kappasense Capacitive Modulation Encoders Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 92. Kappasense Main Business

Table 93. Kappasense Latest Developments

Table 94. Same Sky Basic Information, Capacitive Modulation Encoders Manufacturing Base, Sales Area and Its Competitors

Table 95. Same Sky Capacitive Modulation Encoders Product Portfolios and Specifications

Table 96. Same Sky Capacitive Modulation Encoders Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 97. Same Sky Main Business

Table 98. Same Sky Latest Developments

Table 99. Netzer Basic Information, Capacitive Modulation Encoders Manufacturing Base, Sales Area and Its Competitors

Table 100. Netzer Capacitive Modulation Encoders Product Portfolios and Specifications

Table 101. Netzer Capacitive Modulation Encoders Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 102. Netzer Main Business

Table 103. Netzer Latest Developments

Table 104. TR Electronic Basic Information, Capacitive Modulation Encoders Manufacturing Base, Sales Area and Its Competitors

Table 105. TR Electronic Capacitive Modulation Encoders Product Portfolios and Specifications

Table 106. TR Electronic Capacitive Modulation Encoders Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 107. TR Electronic Main Business

Table 108. TR Electronic Latest Developments

Table 109. Heidenhain Basic Information, Capacitive Modulation Encoders

Manufacturing Base, Sales Area and Its Competitors

Table 110. Heidenhain Capacitive Modulation Encoders Product Portfolios and Specifications

Table 111. Heidenhain Capacitive Modulation Encoders Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 112. Heidenhain Main Business

Table 113. Heidenhain Latest Developments

Table 114. PoLabs Basic Information, Capacitive Modulation Encoders Manufacturing Base, Sales Area and Its Competitors

Table 115. PoLabs Capacitive Modulation Encoders Product Portfolios and Specifications

Table 116. PoLabs Capacitive Modulation Encoders Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 117. PoLabs Main Business

Table 118. PoLabs Latest Developments

Table 119. Posital-Fraba Basic Information, Capacitive Modulation Encoders Manufacturing Base, Sales Area and Its Competitors

Table 120. Posital-Fraba Capacitive Modulation Encoders Product Portfolios and Specifications

Table 121. Posital-Fraba Capacitive Modulation Encoders Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 122. Posital-Fraba Main Business

Table 123. Posital-Fraba Latest Developments

Table 124. Hengstler Basic Information, Capacitive Modulation Encoders Manufacturing Base, Sales Area and Its Competitors

Table 125. Hengstler Capacitive Modulation Encoders Product Portfolios and Specifications

Table 126. Hengstler Capacitive Modulation Encoders Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 127. Hengstler Main Business

Table 128. Hengstler Latest Developments

Table 129. Bourns Basic Information, Capacitive Modulation Encoders Manufacturing Base, Sales Area and Its Competitors

Table 130. Bourns Capacitive Modulation Encoders Product Portfolios and Specifications

Table 131. Bourns Capacitive Modulation Encoders Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 132. Bourns Main Business

Table 133. Bourns Latest Developments

Table 134. SICK Basic Information, Capacitive Modulation Encoders Manufacturing Base, Sales Area and Its Competitors

Table 135. SICK Capacitive Modulation Encoders Product Portfolios and Specifications

Table 136. SICK Capacitive Modulation Encoders Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 137. SICK Main Business

Table 138. SICK Latest Developments

Table 139. Georg Schlegel Basic Information, Capacitive Modulation Encoders Manufacturing Base, Sales Area and Its Competitors

Table 140. Georg Schlegel Capacitive Modulation Encoders Product Portfolios and Specifications

Table 141. Georg Schlegel Capacitive Modulation Encoders Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 142. Georg Schlegel Main Business

Table 143. Georg Schlegel Latest Developments

Table 144. Micro-Epsilon Basic Information, Capacitive Modulation Encoders Manufacturing Base, Sales Area and Its Competitors

Table 145. Micro-Epsilon Capacitive Modulation Encoders Product Portfolios and Specifications

Table 146. Micro-Epsilon Capacitive Modulation Encoders Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 147. Micro-Epsilon Main Business

Table 148. Micro-Epsilon Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Capacitive Modulation Encoders
- Figure 2. Capacitive Modulation Encoders Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Capacitive Modulation Encoders Sales Growth Rate 2021-2032 (K Units)
- Figure 7. Global Capacitive Modulation Encoders Revenue Growth Rate 2021-2032 (\$ millions)
- Figure 8. Capacitive Modulation Encoders Sales by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Figure 9. Capacitive Modulation Encoders Sales Market Share by Country/Region (2025)
- Figure 10. Capacitive Modulation Encoders Sales Market Share by Country/Region (2021, 2025 & 2032)
- Figure 11. Product Picture of 7500 RPM
- Figure 12. Product Picture of 8000 RPM
- Figure 13. Product Picture of 10000 RPM
- Figure 14. Product Picture of Others
- Figure 15. Global Capacitive Modulation Encoders Sales Market Share by Maximum Speed in 2026
- Figure 16. Global Capacitive Modulation Encoders Revenue Market Share by Maximum Speed (2021-2026)
- Figure 17. Product Picture of 3.6V
- Figure 18. Product Picture of 4.5V
- Figure 19. Product Picture of Others
- Figure 20. Global Capacitive Modulation Encoders Sales Market Share by Input Voltage in 2026
- Figure 21. Global Capacitive Modulation Encoders Revenue Market Share by Input Voltage (2021-2026)
- Figure 22. Product Picture of Axial
- Figure 23. Product Picture of Radial
- Figure 24. Global Capacitive Modulation Encoders Sales Market Share by Orientation in 2026
- Figure 25. Global Capacitive Modulation Encoders Revenue Market Share by

Orientation (2021-2026)

Figure 26. Capacitive Modulation Encoders Consumed in Industrial Automation

Figure 27. Global Capacitive Modulation Encoders Market: Industrial Automation (2021-2026) & (K Units)

Figure 28. Capacitive Modulation Encoders Consumed in Aerospace

Figure 29. Global Capacitive Modulation Encoders Market: Aerospace (2021-2026) & (K Units)

Figure 30. Capacitive Modulation Encoders Consumed in Medical

Figure 31. Global Capacitive Modulation Encoders Market: Medical (2021-2026) & (K Units)

Figure 32. Capacitive Modulation Encoders Consumed in Others

Figure 33. Global Capacitive Modulation Encoders Market: Others (2021-2026) & (K Units)

Figure 34. Global Capacitive Modulation Encoders Sale Market Share by Application (2025)

Figure 35. Global Capacitive Modulation Encoders Revenue Market Share by Application in 2026

Figure 36. Capacitive Modulation Encoders Sales by Company in 2026 (K Units)

Figure 37. Global Capacitive Modulation Encoders Sales Market Share by Company in 2026

Figure 38. Capacitive Modulation Encoders Revenue by Company in 2026 (\$ millions)

Figure 39. Global Capacitive Modulation Encoders Revenue Market Share by Company in 2026

Figure 40. Global Capacitive Modulation Encoders Sales Market Share by Geographic Region (2021-2026)

Figure 41. Global Capacitive Modulation Encoders Revenue Market Share by Geographic Region in 2026

Figure 42. Americas Capacitive Modulation Encoders Sales 2021-2026 (K Units)

Figure 43. Americas Capacitive Modulation Encoders Revenue 2021-2026 (\$ millions)

Figure 44. APAC Capacitive Modulation Encoders Sales 2021-2026 (K Units)

Figure 45. APAC Capacitive Modulation Encoders Revenue 2021-2026 (\$ millions)

Figure 46. Europe Capacitive Modulation Encoders Sales 2021-2026 (K Units)

Figure 47. Europe Capacitive Modulation Encoders Revenue 2021-2026 (\$ millions)

Figure 48. Middle East & Africa Capacitive Modulation Encoders Sales 2021-2026 (K Units)

Figure 49. Middle East & Africa Capacitive Modulation Encoders Revenue 2021-2026 (\$ millions)

Figure 50. Americas Capacitive Modulation Encoders Sales Market Share by Country in 2026

Figure 51. Americas Capacitive Modulation Encoders Revenue Market Share by Country (2021-2026)

Figure 52. Americas Capacitive Modulation Encoders Sales Market Share by Maximum Speed (2021-2026)

Figure 53. Americas Capacitive Modulation Encoders Sales Market Share by Application (2021-2026)

Figure 54. United States Capacitive Modulation Encoders Revenue Growth 2021-2026 (\$ millions)

Figure 55. Canada Capacitive Modulation Encoders Revenue Growth 2021-2026 (\$ millions)

Figure 56. Mexico Capacitive Modulation Encoders Revenue Growth 2021-2026 (\$ millions)

Figure 57. Brazil Capacitive Modulation Encoders Revenue Growth 2021-2026 (\$ millions)

Figure 58. APAC Capacitive Modulation Encoders Sales Market Share by Region in 2026

Figure 59. APAC Capacitive Modulation Encoders Revenue Market Share by Region (2021-2026)

Figure 60. APAC Capacitive Modulation Encoders Sales Market Share by Maximum Speed (2021-2026)

Figure 61. APAC Capacitive Modulation Encoders Sales Market Share by Application (2021-2026)

Figure 62. China Capacitive Modulation Encoders Revenue Growth 2021-2026 (\$ millions)

Figure 63. Japan Capacitive Modulation Encoders Revenue Growth 2021-2026 (\$ millions)

Figure 64. South Korea Capacitive Modulation Encoders Revenue Growth 2021-2026 (\$ millions)

Figure 65. Southeast Asia Capacitive Modulation Encoders Revenue Growth 2021-2026 (\$ millions)

Figure 66. India Capacitive Modulation Encoders Revenue Growth 2021-2026 (\$ millions)

Figure 67. Australia Capacitive Modulation Encoders Revenue Growth 2021-2026 (\$ millions)

Figure 68. China Taiwan Capacitive Modulation Encoders Revenue Growth 2021-2026 (\$ millions)

Figure 69. Europe Capacitive Modulation Encoders Sales Market Share by Country in 2026

Figure 70. Europe Capacitive Modulation Encoders Revenue Market Share by Country

(2021-2026)

Figure 71. Europe Capacitive Modulation Encoders Sales Market Share by Maximum Speed (2021-2026)

Figure 72. Europe Capacitive Modulation Encoders Sales Market Share by Application (2021-2026)

Figure 73. Germany Capacitive Modulation Encoders Revenue Growth 2021-2026 (\$ millions)

Figure 74. France Capacitive Modulation Encoders Revenue Growth 2021-2026 (\$ millions)

Figure 75. UK Capacitive Modulation Encoders Revenue Growth 2021-2026 (\$ millions)

Figure 76. Italy Capacitive Modulation Encoders Revenue Growth 2021-2026 (\$ millions)

Figure 77. Russia Capacitive Modulation Encoders Revenue Growth 2021-2026 (\$ millions)

Figure 78. Middle East & Africa Capacitive Modulation Encoders Sales Market Share by Country (2021-2026)

Figure 79. Middle East & Africa Capacitive Modulation Encoders Sales Market Share by Maximum Speed (2021-2026)

Figure 80. Middle East & Africa Capacitive Modulation Encoders Sales Market Share by Application (2021-2026)

Figure 81. Egypt Capacitive Modulation Encoders Revenue Growth 2021-2026 (\$ millions)

Figure 82. South Africa Capacitive Modulation Encoders Revenue Growth 2021-2026 (\$ millions)

Figure 83. Israel Capacitive Modulation Encoders Revenue Growth 2021-2026 (\$ millions)

Figure 84. Turkey Capacitive Modulation Encoders Revenue Growth 2021-2026 (\$ millions)

Figure 85. GCC Countries Capacitive Modulation Encoders Revenue Growth 2021-2026 (\$ millions)

Figure 86. Manufacturing Cost Structure Analysis of Capacitive Modulation Encoders in 2026

Figure 87. Manufacturing Process Analysis of Capacitive Modulation Encoders

Figure 88. Industry Chain Structure of Capacitive Modulation Encoders

Figure 89. Channels of Distribution

Figure 90. Global Capacitive Modulation Encoders Sales Market Forecast by Region (2027-2032)

Figure 91. Global Capacitive Modulation Encoders Revenue Market Share Forecast by Region (2027-2032)

Figure 92. Global Capacitive Modulation Encoders Sales Market Share Forecast by Maximum Speed (2027-2032)

Figure 93. Global Capacitive Modulation Encoders Revenue Market Share Forecast by Maximum Speed (2027-2032)

Figure 94. Global Capacitive Modulation Encoders Sales Market Share Forecast by Application (2027-2032)

Figure 95. Global Capacitive Modulation Encoders Revenue Market Share Forecast by Application (2027-2032)

I would like to order

Product name: Global Capacitive Modulation Encoders Market Growth 2026-2032

Product link: <https://marketpublishers.com/r/G530B8280DD6EN.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/G530B8280DD6EN.html>