

# Global Capacitive Modular Encoders Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G80AAECA2710EN.html>

Date: December 2025

Pages: 116

Price: US\$ 4,480.00 (Single User License)

ID: G80AAECA2710EN

## Abstracts

The global Capacitive Modular Encoders market size is expected to reach \$ 2236 million by 2032, rising at a market growth of 8.9% CAGR during the forecast period (2026-2032).

In 2025, global sales of capacitive encoders across various applications reached approximately 23 million units. Based on system design and purchase orders, the unit price was approximately USD 52, 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 ?, and vibration resistance meeting industrial or military standards. Typical usage: A six-axis industrial robot typically uses 6?7 capacitive encoders (including joints and additional axes); a semiconductor conveyor/exposure platform uses 3?6 linear/rotary capacitive 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.

This report studies the global Capacitive Modular Encoders production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Capacitive Modular Encoders and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Capacitive Modular Encoders that contribute to its increasing demand across many markets.

### **Highlights and key features of the study**

Global Capacitive Modular Encoders total production and demand, 2021-2032, (K Units)

Global Capacitive Modular Encoders total production value, 2021-2032, (USD Million)

Global Capacitive Modular Encoders production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Units), (based on production site)

Global Capacitive Modular Encoders consumption by region & country, CAGR, 2021-2032 & (K Units)

U.S. VS China: Capacitive Modular Encoders domestic production, consumption, key domestic manufacturers and share

Global Capacitive Modular Encoders production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Units)

Global Capacitive Modular Encoders production by Maximum Speed, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

Global Capacitive Modular Encoders production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

This report profiles key players in the global Capacitive Modular Encoders market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Kappasense, Same Sky, Netzer, TR Electronic, Heidenhain, PoLabs, Posital-Fraba, Hengstler, Bourns, SICK, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Capacitive Modular Encoders market

### **Detailed Segmentation:**

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Maximum Speed, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Capacitive Modular Encoders Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global Capacitive Modular Encoders Market, Segmentation by Maximum Speed:

7500 RPM

8000 RPM

10000 RPM

Others

#### Global Capacitive Modular Encoders Market, Segmentation by Input Voltage:

3.6V

4.5V

Others

#### Global Capacitive Modular Encoders Market, Segmentation by Orientation:

Axial

Radial

### Global Capacitive Modular Encoders Market, Segmentation by Application:

Industrial Automation

Aerospace

Medical

Others

### Companies Profiled:

Kappasense

Same Sky

Netzer

TR Electronic

Heidenhain

PoLabs

Posital-Fraba

Hengstler

Bourns

SICK

Georg Schlegel

## Micro-Epsilon

### **Key Questions Answered:**

1. How big is the global Capacitive Modular Encoders market?
2. What is the demand of the global Capacitive Modular Encoders market?
3. What is the year over year growth of the global Capacitive Modular Encoders market?
4. What is the production and production value of the global Capacitive Modular Encoders market?
5. Who are the key producers in the global Capacitive Modular Encoders market?
6. What are the growth factors driving the market demand?

## Contents

### 1 SUPPLY SUMMARY

- 1.1 Capacitive Modular Encoders Introduction
- 1.2 World Capacitive Modular Encoders Supply & Forecast
  - 1.2.1 World Capacitive Modular Encoders Production Value (2021 & 2025 & 2032)
  - 1.2.2 World Capacitive Modular Encoders Production (2021-2032)
  - 1.2.3 World Capacitive Modular Encoders Pricing Trends (2021-2032)
- 1.3 World Capacitive Modular Encoders Production by Region (Based on Production Site)
  - 1.3.1 World Capacitive Modular Encoders Production Value by Region (2021-2032)
  - 1.3.2 World Capacitive Modular Encoders Production by Region (2021-2032)
  - 1.3.3 World Capacitive Modular Encoders Average Price by Region (2021-2032)
  - 1.3.4 North America Capacitive Modular Encoders Production (2021-2032)
  - 1.3.5 Europe Capacitive Modular Encoders Production (2021-2032)
  - 1.3.6 China Capacitive Modular Encoders Production (2021-2032)
  - 1.3.7 Japan Capacitive Modular Encoders Production (2021-2032)
  - 1.3.8 South Korea Capacitive Modular Encoders Production (2021-2032)
  - 1.3.9 Southeast Asia Capacitive Modular Encoders Production (2021-2032)
  - 1.3.10 China Taiwan Capacitive Modular Encoders Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 Capacitive Modular Encoders Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 Capacitive Modular Encoders Major Market Trends

### 2 DEMAND SUMMARY

- 2.1 World Capacitive Modular Encoders Demand (2021-2032)
- 2.2 World Capacitive Modular Encoders Consumption by Region
  - 2.2.1 World Capacitive Modular Encoders Consumption by Region (2021-2026)
  - 2.2.2 World Capacitive Modular Encoders Consumption Forecast by Region (2027-2032)
- 2.3 United States Capacitive Modular Encoders Consumption (2021-2032)
- 2.4 China Capacitive Modular Encoders Consumption (2021-2032)
- 2.5 Europe Capacitive Modular Encoders Consumption (2021-2032)
- 2.6 Japan Capacitive Modular Encoders Consumption (2021-2032)
- 2.7 South Korea Capacitive Modular Encoders Consumption (2021-2032)
- 2.8 ASEAN Capacitive Modular Encoders Consumption (2021-2032)

## 2.9 India Capacitive Modular Encoders Consumption (2021-2032)

### **3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS**

#### 3.1 World Capacitive Modular Encoders Production Value by Manufacturer (2021-2026)

#### 3.2 World Capacitive Modular Encoders Production by Manufacturer (2021-2026)

#### 3.3 World Capacitive Modular Encoders Average Price by Manufacturer (2021-2026)

#### 3.4 Capacitive Modular Encoders Company Evaluation Quadrant

#### 3.5 Industry Rank and Concentration Rate (CR)

##### 3.5.1 Global Capacitive Modular Encoders Industry Rank of Major Manufacturers

##### 3.5.2 Global Concentration Ratios (CR4) for Capacitive Modular Encoders in 2025

##### 3.5.3 Global Concentration Ratios (CR8) for Capacitive Modular Encoders in 2025

#### 3.6 Capacitive Modular Encoders Market: Overall Company Footprint Analysis

##### 3.6.1 Capacitive Modular Encoders Market: Region Footprint

##### 3.6.2 Capacitive Modular Encoders Market: Company Product Type Footprint

##### 3.6.3 Capacitive Modular Encoders Market: Company Product Application Footprint

#### 3.7 Competitive Environment

##### 3.7.1 Historical Structure of the Industry

##### 3.7.2 Barriers of Market Entry

##### 3.7.3 Factors of Competition

#### 3.8 New Entrant and Capacity Expansion Plans

#### 3.9 Mergers, Acquisition, Agreements, and Collaborations

### **4 UNITED STATES VS CHINA VS REST OF THE WORLD**

#### 4.1 United States VS China: Capacitive Modular Encoders Production Value Comparison

##### 4.1.1 United States VS China: Capacitive Modular Encoders Production Value Comparison (2021 & 2025 & 2032)

##### 4.1.2 United States VS China: Capacitive Modular Encoders Production Value Market Share Comparison (2021 & 2025 & 2032)

#### 4.2 United States VS China: Capacitive Modular Encoders Production Comparison

##### 4.2.1 United States VS China: Capacitive Modular Encoders Production Comparison (2021 & 2025 & 2032)

##### 4.2.2 United States VS China: Capacitive Modular Encoders Production Market Share Comparison (2021 & 2025 & 2032)

#### 4.3 United States VS China: Capacitive Modular Encoders Consumption Comparison

##### 4.3.1 United States VS China: Capacitive Modular Encoders Consumption Comparison (2021 & 2025 & 2032)

4.3.2 United States VS China: Capacitive Modular Encoders Consumption Market Share Comparison (2021 & 2025 & 2032)

4.4 United States Based Capacitive Modular Encoders Manufacturers and Market Share, 2021-2026

4.4.1 United States Based Capacitive Modular Encoders Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Capacitive Modular Encoders Production Value (2021-2026)

4.4.3 United States Based Manufacturers Capacitive Modular Encoders Production (2021-2026)

4.5 China Based Capacitive Modular Encoders Manufacturers and Market Share

4.5.1 China Based Capacitive Modular Encoders Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Capacitive Modular Encoders Production Value (2021-2026)

4.5.3 China Based Manufacturers Capacitive Modular Encoders Production (2021-2026)

4.6 Rest of World Based Capacitive Modular Encoders Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based Capacitive Modular Encoders Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Capacitive Modular Encoders Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers Capacitive Modular Encoders Production (2021-2026)

## **5 MARKET ANALYSIS BY MAXIMUM SPEED**

5.1 World Capacitive Modular Encoders Market Size Overview by Maximum Speed: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Maximum Speed

5.2.1 7500 RPM

5.2.2 8000 RPM

5.2.3 10000 RPM

5.2.4 Others

5.3 Market Segment by Maximum Speed

5.3.1 World Capacitive Modular Encoders Production by Maximum Speed (2021-2032)

5.3.2 World Capacitive Modular Encoders Production Value by Maximum Speed (2021-2032)

5.3.3 World Capacitive Modular Encoders Average Price by Maximum Speed (2021-2032)

## **6 MARKET ANALYSIS BY INPUT VOLTAGE**

6.1 World Capacitive Modular Encoders Market Size Overview by Input Voltage: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Input Voltage

6.2.1 3.6V

6.2.2 4.5V

6.2.3 Others

6.3 Market Segment by Input Voltage

6.3.1 World Capacitive Modular Encoders Production by Input Voltage (2021-2032)

6.3.2 World Capacitive Modular Encoders Production Value by Input Voltage (2021-2032)

6.3.3 World Capacitive Modular Encoders Average Price by Input Voltage (2021-2032)

## **7 MARKET ANALYSIS BY ORIENTATION**

7.1 World Capacitive Modular Encoders Market Size Overview by Orientation: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Orientation

7.2.1 Axial

7.2.2 Radial

7.3 Market Segment by Orientation

7.3.1 World Capacitive Modular Encoders Production by Orientation (2021-2032)

7.3.2 World Capacitive Modular Encoders Production Value by Orientation (2021-2032)

7.3.3 World Capacitive Modular Encoders Average Price by Orientation (2021-2032)

## **8 MARKET ANALYSIS BY APPLICATION**

8.1 World Capacitive Modular Encoders Market Size Overview by Application: 2021 VS 2025 VS 2032

8.2 Segment Introduction by Application

8.2.1 Industrial Automation

8.2.2 Aerospace

8.2.3 Medical

8.2.4 Others

## 8.3 Market Segment by Application

8.3.1 World Capacitive Modular Encoders Production by Application (2021-2032)

8.3.2 World Capacitive Modular Encoders Production Value by Application (2021-2032)

8.3.3 World Capacitive Modular Encoders Average Price by Application (2021-2032)

## 9 COMPANY PROFILES

### 9.1 Kappasense

9.1.1 Kappasense Details

9.1.2 Kappasense Major Business

9.1.3 Kappasense Capacitive Modular Encoders Product and Services

9.1.4 Kappasense Capacitive Modular Encoders Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.1.5 Kappasense Recent Developments/Updates

9.1.6 Kappasense Competitive Strengths & Weaknesses

### 9.2 Same Sky

9.2.1 Same Sky Details

9.2.2 Same Sky Major Business

9.2.3 Same Sky Capacitive Modular Encoders Product and Services

9.2.4 Same Sky Capacitive Modular Encoders Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.2.5 Same Sky Recent Developments/Updates

9.2.6 Same Sky Competitive Strengths & Weaknesses

### 9.3 Netzer

9.3.1 Netzer Details

9.3.2 Netzer Major Business

9.3.3 Netzer Capacitive Modular Encoders Product and Services

9.3.4 Netzer Capacitive Modular Encoders Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.3.5 Netzer Recent Developments/Updates

9.3.6 Netzer Competitive Strengths & Weaknesses

### 9.4 TR Electronic

9.4.1 TR Electronic Details

9.4.2 TR Electronic Major Business

9.4.3 TR Electronic Capacitive Modular Encoders Product and Services

9.4.4 TR Electronic Capacitive Modular Encoders Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.4.5 TR Electronic Recent Developments/Updates

- 9.4.6 TR Electronic Competitive Strengths & Weaknesses
- 9.5 Heidenhain
  - 9.5.1 Heidenhain Details
  - 9.5.2 Heidenhain Major Business
  - 9.5.3 Heidenhain Capacitive Modular Encoders Product and Services
  - 9.5.4 Heidenhain Capacitive Modular Encoders Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.5.5 Heidenhain Recent Developments/Updates
  - 9.5.6 Heidenhain Competitive Strengths & Weaknesses
- 9.6 PoLabs
  - 9.6.1 PoLabs Details
  - 9.6.2 PoLabs Major Business
  - 9.6.3 PoLabs Capacitive Modular Encoders Product and Services
  - 9.6.4 PoLabs Capacitive Modular Encoders Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.6.5 PoLabs Recent Developments/Updates
  - 9.6.6 PoLabs Competitive Strengths & Weaknesses
- 9.7 Posital-Fraba
  - 9.7.1 Posital-Fraba Details
  - 9.7.2 Posital-Fraba Major Business
  - 9.7.3 Posital-Fraba Capacitive Modular Encoders Product and Services
  - 9.7.4 Posital-Fraba Capacitive Modular Encoders Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.7.5 Posital-Fraba Recent Developments/Updates
  - 9.7.6 Posital-Fraba Competitive Strengths & Weaknesses
- 9.8 Hengstler
  - 9.8.1 Hengstler Details
  - 9.8.2 Hengstler Major Business
  - 9.8.3 Hengstler Capacitive Modular Encoders Product and Services
  - 9.8.4 Hengstler Capacitive Modular Encoders Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.8.5 Hengstler Recent Developments/Updates
  - 9.8.6 Hengstler Competitive Strengths & Weaknesses
- 9.9 Bourns
  - 9.9.1 Bourns Details
  - 9.9.2 Bourns Major Business
  - 9.9.3 Bourns Capacitive Modular Encoders Product and Services
  - 9.9.4 Bourns Capacitive Modular Encoders Production, Price, Value, Gross Margin and Market Share (2021-2026)

- 9.9.5 Bourns Recent Developments/Updates
- 9.9.6 Bourns Competitive Strengths & Weaknesses
- 9.10 SICK
  - 9.10.1 SICK Details
  - 9.10.2 SICK Major Business
  - 9.10.3 SICK Capacitive Modular Encoders Product and Services
  - 9.10.4 SICK Capacitive Modular Encoders Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.10.5 SICK Recent Developments/Updates
  - 9.10.6 SICK Competitive Strengths & Weaknesses
- 9.11 Georg Schlegel
  - 9.11.1 Georg Schlegel Details
  - 9.11.2 Georg Schlegel Major Business
  - 9.11.3 Georg Schlegel Capacitive Modular Encoders Product and Services
  - 9.11.4 Georg Schlegel Capacitive Modular Encoders Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.11.5 Georg Schlegel Recent Developments/Updates
  - 9.11.6 Georg Schlegel Competitive Strengths & Weaknesses
- 9.12 Micro-Epsilon
  - 9.12.1 Micro-Epsilon Details
  - 9.12.2 Micro-Epsilon Major Business
  - 9.12.3 Micro-Epsilon Capacitive Modular Encoders Product and Services
  - 9.12.4 Micro-Epsilon Capacitive Modular Encoders Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.12.5 Micro-Epsilon Recent Developments/Updates
  - 9.12.6 Micro-Epsilon Competitive Strengths & Weaknesses

## **10 INDUSTRY CHAIN ANALYSIS**

- 10.1 Capacitive Modular Encoders Industry Chain
- 10.2 Capacitive Modular Encoders Upstream Analysis
  - 10.2.1 Capacitive Modular Encoders Core Raw Materials
  - 10.2.2 Main Manufacturers of Capacitive Modular Encoders Core Raw Materials
- 10.3 Midstream Analysis
- 10.4 Downstream Analysis
- 10.5 Capacitive Modular Encoders Production Mode
- 10.6 Capacitive Modular Encoders Procurement Model
- 10.7 Capacitive Modular Encoders Industry Sales Model and Sales Channels
  - 10.7.1 Capacitive Modular Encoders Sales Model

10.7.2 Capacitive Modular Encoders Typical Distributors

## **11 RESEARCH FINDINGS AND CONCLUSION**

## **12 APPENDIX**

12.1 Methodology

12.2 Research Process and Data Source

12.3 Disclaimer

## List Of Tables

### LIST OF TABLES

- Table 1. World Capacitive Modular Encoders Production Value by Region (2021, 2025 and 2032) & (USD Million)
- Table 2. World Capacitive Modular Encoders Production Value by Region (2021-2026) & (USD Million)
- Table 3. World Capacitive Modular Encoders Production Value by Region (2027-2032) & (USD Million)
- Table 4. World Capacitive Modular Encoders Production Value Market Share by Region (2021-2026)
- Table 5. World Capacitive Modular Encoders Production Value Market Share by Region (2027-2032)
- Table 6. World Capacitive Modular Encoders Production by Region (2021-2026) & (K Units)
- Table 7. World Capacitive Modular Encoders Production by Region (2027-2032) & (K Units)
- Table 8. World Capacitive Modular Encoders Production Market Share by Region (2021-2026)
- Table 9. World Capacitive Modular Encoders Production Market Share by Region (2027-2032)
- Table 10. World Capacitive Modular Encoders Average Price by Region (2021-2026) & (US\$/Unit)
- Table 11. World Capacitive Modular Encoders Average Price by Region (2027-2032) & (US\$/Unit)
- Table 12. Capacitive Modular Encoders Major Market Trends
- Table 13. World Capacitive Modular Encoders Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (K Units)
- Table 14. World Capacitive Modular Encoders Consumption by Region (2021-2026) & (K Units)
- Table 15. World Capacitive Modular Encoders Consumption Forecast by Region (2027-2032) & (K Units)
- Table 16. World Capacitive Modular Encoders Production Value by Manufacturer (2021-2026) & (USD Million)
- Table 17. Production Value Market Share of Key Capacitive Modular Encoders Producers in 2025
- Table 18. World Capacitive Modular Encoders Production by Manufacturer (2021-2026) & (K Units)

Table 19. Production Market Share of Key Capacitive Modular Encoders Producers in 2025

Table 20. World Capacitive Modular Encoders Average Price by Manufacturer (2021-2026) & (US\$/Unit)

Table 21. Global Capacitive Modular Encoders Company Evaluation Quadrant

Table 22. World Capacitive Modular Encoders Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and Capacitive Modular Encoders Production Site of Key Manufacturer

Table 24. Capacitive Modular Encoders Market: Company Product Type Footprint

Table 25. Capacitive Modular Encoders Market: Company Product Application Footprint

Table 26. Capacitive Modular Encoders Competitive Factors

Table 27. Capacitive Modular Encoders New Entrant and Capacity Expansion Plans

Table 28. Capacitive Modular Encoders Mergers & Acquisitions Activity

Table 29. United States VS China Capacitive Modular Encoders Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China Capacitive Modular Encoders Production Comparison, (2021 & 2025 & 2032) & (K Units)

Table 31. United States VS China Capacitive Modular Encoders Consumption Comparison, (2021 & 2025 & 2032) & (K Units)

Table 32. United States Based Capacitive Modular Encoders Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Capacitive Modular Encoders Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers Capacitive Modular Encoders Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers Capacitive Modular Encoders Production (2021-2026) & (K Units)

Table 36. United States Based Manufacturers Capacitive Modular Encoders Production Market Share (2021-2026)

Table 37. China Based Capacitive Modular Encoders Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Capacitive Modular Encoders Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers Capacitive Modular Encoders Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers Capacitive Modular Encoders Production, (2021-2026) & (K Units)

Table 41. China Based Manufacturers Capacitive Modular Encoders Production Market

Share (2021-2026)

Table 42. Rest of World Based Capacitive Modular Encoders Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers Capacitive Modular Encoders Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers Capacitive Modular Encoders Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers Capacitive Modular Encoders Production, (2021-2026) & (K Units)

Table 46. Rest of World Based Manufacturers Capacitive Modular Encoders Production Market Share (2021-2026)

Table 47. World Capacitive Modular Encoders Production Value by Maximum Speed, (USD Million), 2021 & 2025 & 2032

Table 48. World Capacitive Modular Encoders Production by Maximum Speed (2021-2026) & (K Units)

Table 49. World Capacitive Modular Encoders Production by Maximum Speed (2027-2032) & (K Units)

Table 50. World Capacitive Modular Encoders Production Value by Maximum Speed (2021-2026) & (USD Million)

Table 51. World Capacitive Modular Encoders Production Value by Maximum Speed (2027-2032) & (USD Million)

Table 52. World Capacitive Modular Encoders Average Price by Maximum Speed (2021-2026) & (US\$/Unit)

Table 53. World Capacitive Modular Encoders Average Price by Maximum Speed (2027-2032) & (US\$/Unit)

Table 54. World Capacitive Modular Encoders Production Value by Input Voltage, (USD Million), 2021 & 2025 & 2032

Table 55. World Capacitive Modular Encoders Production by Input Voltage (2021-2026) & (K Units)

Table 56. World Capacitive Modular Encoders Production by Input Voltage (2027-2032) & (K Units)

Table 57. World Capacitive Modular Encoders Production Value by Input Voltage (2021-2026) & (USD Million)

Table 58. World Capacitive Modular Encoders Production Value by Input Voltage (2027-2032) & (USD Million)

Table 59. World Capacitive Modular Encoders Average Price by Input Voltage (2021-2026) & (US\$/Unit)

Table 60. World Capacitive Modular Encoders Average Price by Input Voltage (2027-2032) & (US\$/Unit)

Table 61. World Capacitive Modular Encoders Production Value by Orientation, (USD Million), 2021 & 2025 & 2032

Table 62. World Capacitive Modular Encoders Production by Orientation (2021-2026) & (K Units)

Table 63. World Capacitive Modular Encoders Production by Orientation (2027-2032) & (K Units)

Table 64. World Capacitive Modular Encoders Production Value by Orientation (2021-2026) & (USD Million)

Table 65. World Capacitive Modular Encoders Production Value by Orientation (2027-2032) & (USD Million)

Table 66. World Capacitive Modular Encoders Average Price by Orientation (2021-2026) & (US\$/Unit)

Table 67. World Capacitive Modular Encoders Average Price by Orientation (2027-2032) & (US\$/Unit)

Table 68. World Capacitive Modular Encoders Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 69. World Capacitive Modular Encoders Production by Application (2021-2026) & (K Units)

Table 70. World Capacitive Modular Encoders Production by Application (2027-2032) & (K Units)

Table 71. World Capacitive Modular Encoders Production Value by Application (2021-2026) & (USD Million)

Table 72. World Capacitive Modular Encoders Production Value by Application (2027-2032) & (USD Million)

Table 73. World Capacitive Modular Encoders Average Price by Application (2021-2026) & (US\$/Unit)

Table 74. World Capacitive Modular Encoders Average Price by Application (2027-2032) & (US\$/Unit)

Table 75. Kappasense Basic Information, Manufacturing Base and Competitors

Table 76. Kappasense Major Business

Table 77. Kappasense Capacitive Modular Encoders Product and Services

Table 78. Kappasense Capacitive Modular Encoders Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 79. Kappasense Recent Developments/Updates

Table 80. Kappasense Competitive Strengths & Weaknesses

Table 81. Same Sky Basic Information, Manufacturing Base and Competitors

Table 82. Same Sky Major Business

Table 83. Same Sky Capacitive Modular Encoders Product and Services

Table 84. Same Sky Capacitive Modular Encoders Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 85. Same Sky Recent Developments/Updates

Table 86. Same Sky Competitive Strengths & Weaknesses

Table 87. Netzer Basic Information, Manufacturing Base and Competitors

Table 88. Netzer Major Business

Table 89. Netzer Capacitive Modular Encoders Product and Services

Table 90. Netzer Capacitive Modular Encoders Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 91. Netzer Recent Developments/Updates

Table 92. Netzer Competitive Strengths & Weaknesses

Table 93. TR Electronic Basic Information, Manufacturing Base and Competitors

Table 94. TR Electronic Major Business

Table 95. TR Electronic Capacitive Modular Encoders Product and Services

Table 96. TR Electronic Capacitive Modular Encoders Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 97. TR Electronic Recent Developments/Updates

Table 98. TR Electronic Competitive Strengths & Weaknesses

Table 99. Heidenhain Basic Information, Manufacturing Base and Competitors

Table 100. Heidenhain Major Business

Table 101. Heidenhain Capacitive Modular Encoders Product and Services

Table 102. Heidenhain Capacitive Modular Encoders Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 103. Heidenhain Recent Developments/Updates

Table 104. Heidenhain Competitive Strengths & Weaknesses

Table 105. PoLabs Basic Information, Manufacturing Base and Competitors

Table 106. PoLabs Major Business

Table 107. PoLabs Capacitive Modular Encoders Product and Services

Table 108. PoLabs Capacitive Modular Encoders Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 109. PoLabs Recent Developments/Updates

Table 110. PoLabs Competitive Strengths & Weaknesses

Table 111. Posital-Fraba Basic Information, Manufacturing Base and Competitors

Table 112. Posital-Fraba Major Business

Table 113. Posital-Fraba Capacitive Modular Encoders Product and Services

Table 114. Posital-Fraba Capacitive Modular Encoders Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 115. Posital-Fraba Recent Developments/Updates

Table 116. Posital-Fraba Competitive Strengths & Weaknesses

Table 117. Hengstler Basic Information, Manufacturing Base and Competitors

Table 118. Hengstler Major Business

Table 119. Hengstler Capacitive Modular Encoders Product and Services

Table 120. Hengstler Capacitive Modular Encoders Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 121. Hengstler Recent Developments/Updates

Table 122. Hengstler Competitive Strengths & Weaknesses

Table 123. Bourns Basic Information, Manufacturing Base and Competitors

Table 124. Bourns Major Business

Table 125. Bourns Capacitive Modular Encoders Product and Services

Table 126. Bourns Capacitive Modular Encoders Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 127. Bourns Recent Developments/Updates

Table 128. Bourns Competitive Strengths & Weaknesses

Table 129. SICK Basic Information, Manufacturing Base and Competitors

Table 130. SICK Major Business

Table 131. SICK Capacitive Modular Encoders Product and Services

Table 132. SICK Capacitive Modular Encoders Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 133. SICK Recent Developments/Updates

Table 134. SICK Competitive Strengths & Weaknesses

Table 135. Georg Schlegel Basic Information, Manufacturing Base and Competitors

Table 136. Georg Schlegel Major Business

Table 137. Georg Schlegel Capacitive Modular Encoders Product and Services

Table 138. Georg Schlegel Capacitive Modular Encoders Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 139. Georg Schlegel Recent Developments/Updates

Table 140. Georg Schlegel Competitive Strengths & Weaknesses

Table 141. Micro-Epsilon Basic Information, Manufacturing Base and Competitors

Table 142. Micro-Epsilon Major Business

Table 143. Micro-Epsilon Capacitive Modular Encoders Product and Services

Table 144. Micro-Epsilon Capacitive Modular Encoders Production (K Units), Price

(US\$/Unit), Production Value (USD Million), Gross Margin and Market Share  
(2021-2026)

Table 145. Micro-Epsilon Recent Developments/Updates

Table 146. Micro-Epsilon Competitive Strengths & Weaknesses

Table 147. Global Key Players of Capacitive Modular Encoders Upstream (Raw  
Materials)

Table 148. Global Capacitive Modular Encoders Typical Customers

Table 149. Capacitive Modular Encoders Typical Distributors

## List Of Figures

### LIST OF FIGURES

Figure 1. Capacitive Modular Encoders Picture

Figure 2. World Capacitive Modular Encoders Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World Capacitive Modular Encoders Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World Capacitive Modular Encoders Production (2021-2032) & (K Units)

Figure 5. World Capacitive Modular Encoders Average Price (2021-2032) & (US\$/Unit)

Figure 6. World Capacitive Modular Encoders Production Value Market Share by Region (2021-2032)

Figure 7. World Capacitive Modular Encoders Production Market Share by Region (2021-2032)

Figure 8. North America Capacitive Modular Encoders Production (2021-2032) & (K Units)

Figure 9. Europe Capacitive Modular Encoders Production (2021-2032) & (K Units)

Figure 10. China Capacitive Modular Encoders Production (2021-2032) & (K Units)

Figure 11. Japan Capacitive Modular Encoders Production (2021-2032) & (K Units)

Figure 12. South Korea Capacitive Modular Encoders Production (2021-2032) & (K Units)

Figure 13. Southeast Asia Capacitive Modular Encoders Production (2021-2032) & (K Units)

Figure 14. China Taiwan Capacitive Modular Encoders Production (2021-2032) & (K Units)

Figure 15. Capacitive Modular Encoders Market Drivers

Figure 16. Factors Affecting Demand

Figure 17. World Capacitive Modular Encoders Consumption (2021-2032) & (K Units)

Figure 18. World Capacitive Modular Encoders Consumption Market Share by Region (2021-2032)

Figure 19. United States Capacitive Modular Encoders Consumption (2021-2032) & (K Units)

Figure 20. China Capacitive Modular Encoders Consumption (2021-2032) & (K Units)

Figure 21. Europe Capacitive Modular Encoders Consumption (2021-2032) & (K Units)

Figure 22. Japan Capacitive Modular Encoders Consumption (2021-2032) & (K Units)

Figure 23. South Korea Capacitive Modular Encoders Consumption (2021-2032) & (K Units)

Figure 24. ASEAN Capacitive Modular Encoders Consumption (2021-2032) & (K Units)

Figure 25. India Capacitive Modular Encoders Consumption (2021-2032) & (K Units)

Figure 26. Producer Shipments of Capacitive Modular Encoders by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 27. Global Four-firm Concentration Ratios (CR4) for Capacitive Modular Encoders Markets in 2025

Figure 28. Global Four-firm Concentration Ratios (CR8) for Capacitive Modular Encoders Markets in 2025

Figure 29. United States VS China: Capacitive Modular Encoders Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 30. United States VS China: Capacitive Modular Encoders Production Market Share Comparison (2021 & 2025 & 2032)

Figure 31. United States VS China: Capacitive Modular Encoders Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 32. United States Based Manufacturers Capacitive Modular Encoders Production Market Share 2025

Figure 33. China Based Manufacturers Capacitive Modular Encoders Production Market Share 2025

Figure 34. Rest of World Based Manufacturers Capacitive Modular Encoders Production Market Share 2025

Figure 35. World Capacitive Modular Encoders Production Value by Maximum Speed, (USD Million), 2021 & 2025 & 2032

Figure 36. World Capacitive Modular Encoders Production Value Market Share by Maximum Speed in 2025

Figure 37. 7500 RPM

Figure 38. 8000 RPM

Figure 39. 10000 RPM

Figure 40. Others

Figure 41. World Capacitive Modular Encoders Production Market Share by Maximum Speed (2021-2032)

Figure 42. World Capacitive Modular Encoders Production Value Market Share by Maximum Speed (2021-2032)

Figure 43. World Capacitive Modular Encoders Average Price by Maximum Speed (2021-2032) & (US\$/Unit)

Figure 44. World Capacitive Modular Encoders Production Value by Input Voltage, (USD Million), 2021 & 2025 & 2032

Figure 45. World Capacitive Modular Encoders Production Value Market Share by Input Voltage in 2025

Figure 46. 3.6V

Figure 47. 4.5V

Figure 48. Others

Figure 49. World Capacitive Modular Encoders Production Market Share by Input Voltage (2021-2032)

Figure 50. World Capacitive Modular Encoders Production Value Market Share by Input Voltage (2021-2032)

Figure 51. World Capacitive Modular Encoders Average Price by Input Voltage (2021-2032) & (US\$/Unit)

Figure 52. World Capacitive Modular Encoders Production Value by Orientation, (USD Million), 2021 & 2025 & 2032

Figure 53. World Capacitive Modular Encoders Production Value Market Share by Orientation in 2025

Figure 54. Axial

Figure 55. Radial

Figure 56. World Capacitive Modular Encoders Production Market Share by Orientation (2021-2032)

Figure 57. World Capacitive Modular Encoders Production Value Market Share by Orientation (2021-2032)

Figure 58. World Capacitive Modular Encoders Average Price by Orientation (2021-2032) & (US\$/Unit)

Figure 59. World Capacitive Modular Encoders Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 60. World Capacitive Modular Encoders Production Value Market Share by Application in 2025

Figure 61. Industrial Automation

Figure 62. Aerospace

Figure 63. Medical

Figure 64. Others

Figure 65. World Capacitive Modular Encoders Production Market Share by Application (2021-2032)

Figure 66. World Capacitive Modular Encoders Production Value Market Share by Application (2021-2032)

Figure 67. World Capacitive Modular Encoders Average Price by Application (2021-2032) & (US\$/Unit)

Figure 68. Capacitive Modular Encoders Industry Chain

Figure 69. Capacitive Modular Encoders Procurement Model

Figure 70. Capacitive Modular Encoders Sales Model

Figure 71. Capacitive Modular Encoders Sales Channels, Direct Sales, and Distribution

Figure 72. Methodology

Figure 73. Research Process and Data Source

## I would like to order

Product name: Global Capacitive Modular Encoders Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/G80AAECA2710EN.html>

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G80AAECA2710EN.html>