

# Global Non-Contact Capacitive Encoders Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/G06998B71D2EEN.html>

Date: December 2025

Pages: 120

Price: US\$ 3,480.00 (Single User License)

ID: G06998B71D2EEN

## Abstracts

According to our (Global Info Research) latest study, the global Non-Contact Capacitive Encoders market size was valued at US\$ 1286 million in 2025 and is forecast to a readjusted size of US\$ 2339 million by 2032 with a CAGR of 8.9% during review period.

In 2025, global sales of non-contact capacitive encoders across various applications reached approximately 23.6 million units. Based on system design and purchase orders, the unit price was approximately USD 53, 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 is a detailed and comprehensive analysis for global Non-Contact Capacitive Encoders market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Maximum Speed and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

### **Key Features:**

Global Non-Contact Capacitive Encoders market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Non-Contact Capacitive Encoders market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Non-Contact Capacitive Encoders market size and forecasts, by Maximum Speed and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Non-Contact Capacitive Encoders market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2021-2026

### **The Primary Objectives in This Report Are:**

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Non-Contact Capacitive Encoders

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Non-Contact Capacitive Encoders market based on the following parameters - company overview, sales quantity, revenue, 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.

### **Market Segmentation**

Non-Contact Capacitive Encoders market is split by Maximum Speed and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Maximum Speed, 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 Maximum Speed

7500 RPM

8000 RPM

10000 RPM

Others

Market segment by Input Voltage

3.6V

4.5V

Others

## Market segment by Orientation

Axial

Radial

## Market segment by Application

Industrial Automation

Aerospace

Medical

Others

## Major players covered

Kappasense

Same Sky

Netzer

TR Electronic

Heidenhain

PoLabs

Posital-Fraba

Hengstler

Bourns

SICK

Georg Schlegel

Micro-Epsilon

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 Non-Contact Capacitive Encoders product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Non-Contact Capacitive Encoders, with price, sales quantity, revenue, and global market share of Non-Contact Capacitive Encoders from 2021 to 2026.

Chapter 3, the Non-Contact Capacitive Encoders competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Non-Contact Capacitive Encoders breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Maximum Speed and by Application, with sales market share and growth rate by Maximum Speed, by Application, from 2021 to

2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Non-Contact Capacitive Encoders market forecast, by regions, by Maximum Speed, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Non-Contact Capacitive Encoders.

Chapter 14 and 15, to describe Non-Contact Capacitive Encoders sales channel, distributors, customers, research findings and conclusion.

## Contents

### 1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Maximum Speed

1.3.1 Overview: Global Non-Contact Capacitive Encoders Consumption Value by Maximum Speed: 2021 Versus 2025 Versus 2032

1.3.2 7500 RPM

1.3.3 8000 RPM

1.3.4 10000 RPM

1.3.5 Others

1.4 Market Analysis by Input Voltage

1.4.1 Overview: Global Non-Contact Capacitive Encoders Consumption Value by Input Voltage: 2021 Versus 2025 Versus 2032

1.4.2 3.6V

1.4.3 4.5V

1.4.4 Others

1.5 Market Analysis by Orientation

1.5.1 Overview: Global Non-Contact Capacitive Encoders Consumption Value by Orientation: 2021 Versus 2025 Versus 2032

1.5.2 Axial

1.5.3 Radial

1.6 Market Analysis by Application

1.6.1 Overview: Global Non-Contact Capacitive Encoders Consumption Value by Application: 2021 Versus 2025 Versus 2032

1.6.2 Industrial Automation

1.6.3 Aerospace

1.6.4 Medical

1.6.5 Others

1.7 Global Non-Contact Capacitive Encoders Market Size & Forecast

1.7.1 Global Non-Contact Capacitive Encoders Consumption Value (2021 & 2025 & 2032)

1.7.2 Global Non-Contact Capacitive Encoders Sales Quantity (2021-2032)

1.7.3 Global Non-Contact Capacitive Encoders Average Price (2021-2032)

### 2 MANUFACTURERS PROFILES

## 2.1 Kappasense

### 2.1.1 Kappasense Details

### 2.1.2 Kappasense Major Business

### 2.1.3 Kappasense Non-Contact Capacitive Encoders Product and Services

### 2.1.4 Kappasense Non-Contact Capacitive Encoders Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

### 2.1.5 Kappasense Recent Developments/Updates

## 2.2 Same Sky

### 2.2.1 Same Sky Details

### 2.2.2 Same Sky Major Business

### 2.2.3 Same Sky Non-Contact Capacitive Encoders Product and Services

### 2.2.4 Same Sky Non-Contact Capacitive Encoders Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

### 2.2.5 Same Sky Recent Developments/Updates

## 2.3 Netzer

### 2.3.1 Netzer Details

### 2.3.2 Netzer Major Business

### 2.3.3 Netzer Non-Contact Capacitive Encoders Product and Services

### 2.3.4 Netzer Non-Contact Capacitive Encoders Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

### 2.3.5 Netzer Recent Developments/Updates

## 2.4 TR Electronic

### 2.4.1 TR Electronic Details

### 2.4.2 TR Electronic Major Business

### 2.4.3 TR Electronic Non-Contact Capacitive Encoders Product and Services

### 2.4.4 TR Electronic Non-Contact Capacitive Encoders Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

### 2.4.5 TR Electronic Recent Developments/Updates

## 2.5 Heidenhain

### 2.5.1 Heidenhain Details

### 2.5.2 Heidenhain Major Business

### 2.5.3 Heidenhain Non-Contact Capacitive Encoders Product and Services

### 2.5.4 Heidenhain Non-Contact Capacitive Encoders Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

### 2.5.5 Heidenhain Recent Developments/Updates

## 2.6 PoLabs

### 2.6.1 PoLabs Details

### 2.6.2 PoLabs Major Business

### 2.6.3 PoLabs Non-Contact Capacitive Encoders Product and Services

2.6.4 PoLabs Non-Contact Capacitive Encoders Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.6.5 PoLabs Recent Developments/Updates

2.7 Posital-Fraba

2.7.1 Posital-Fraba Details

2.7.2 Posital-Fraba Major Business

2.7.3 Posital-Fraba Non-Contact Capacitive Encoders Product and Services

2.7.4 Posital-Fraba Non-Contact Capacitive Encoders Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.7.5 Posital-Fraba Recent Developments/Updates

2.8 Hengstler

2.8.1 Hengstler Details

2.8.2 Hengstler Major Business

2.8.3 Hengstler Non-Contact Capacitive Encoders Product and Services

2.8.4 Hengstler Non-Contact Capacitive Encoders Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.8.5 Hengstler Recent Developments/Updates

2.9 Bourns

2.9.1 Bourns Details

2.9.2 Bourns Major Business

2.9.3 Bourns Non-Contact Capacitive Encoders Product and Services

2.9.4 Bourns Non-Contact Capacitive Encoders Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.9.5 Bourns Recent Developments/Updates

2.10 SICK

2.10.1 SICK Details

2.10.2 SICK Major Business

2.10.3 SICK Non-Contact Capacitive Encoders Product and Services

2.10.4 SICK Non-Contact Capacitive Encoders Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.10.5 SICK Recent Developments/Updates

2.11 Georg Schlegel

2.11.1 Georg Schlegel Details

2.11.2 Georg Schlegel Major Business

2.11.3 Georg Schlegel Non-Contact Capacitive Encoders Product and Services

2.11.4 Georg Schlegel Non-Contact Capacitive Encoders Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.11.5 Georg Schlegel Recent Developments/Updates

2.12 Micro-Epsilon

- 2.12.1 Micro-Epsilon Details
- 2.12.2 Micro-Epsilon Major Business
- 2.12.3 Micro-Epsilon Non-Contact Capacitive Encoders Product and Services
- 2.12.4 Micro-Epsilon Non-Contact Capacitive Encoders Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.12.5 Micro-Epsilon Recent Developments/Updates

### **3 COMPETITIVE ENVIRONMENT: NON-CONTACT CAPACITIVE ENCODERS BY MANUFACTURER**

- 3.1 Global Non-Contact Capacitive Encoders Sales Quantity by Manufacturer (2021-2026)
- 3.2 Global Non-Contact Capacitive Encoders Revenue by Manufacturer (2021-2026)
- 3.3 Global Non-Contact Capacitive Encoders Average Price by Manufacturer (2021-2026)
- 3.4 Market Share Analysis (2025)
  - 3.4.1 Producer Shipments of Non-Contact Capacitive Encoders by Manufacturer Revenue (\$MM) and Market Share (%): 2025
  - 3.4.2 Top 3 Non-Contact Capacitive Encoders Manufacturer Market Share in 2025
  - 3.4.3 Top 6 Non-Contact Capacitive Encoders Manufacturer Market Share in 2025
- 3.5 Non-Contact Capacitive Encoders Market: Overall Company Footprint Analysis
  - 3.5.1 Non-Contact Capacitive Encoders Market: Region Footprint
  - 3.5.2 Non-Contact Capacitive Encoders Market: Company Product Type Footprint
  - 3.5.3 Non-Contact Capacitive Encoders Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

### **4 CONSUMPTION ANALYSIS BY REGION**

- 4.1 Global Non-Contact Capacitive Encoders Market Size by Region
  - 4.1.1 Global Non-Contact Capacitive Encoders Sales Quantity by Region (2021-2032)
  - 4.1.2 Global Non-Contact Capacitive Encoders Consumption Value by Region (2021-2032)
  - 4.1.3 Global Non-Contact Capacitive Encoders Average Price by Region (2021-2032)
- 4.2 North America Non-Contact Capacitive Encoders Consumption Value (2021-2032)
- 4.3 Europe Non-Contact Capacitive Encoders Consumption Value (2021-2032)
- 4.4 Asia-Pacific Non-Contact Capacitive Encoders Consumption Value (2021-2032)
- 4.5 South America Non-Contact Capacitive Encoders Consumption Value (2021-2032)

4.6 Middle East & Africa Non-Contact Capacitive Encoders Consumption Value (2021-2032)

## **5 MARKET SEGMENT BY MAXIMUM SPEED**

5.1 Global Non-Contact Capacitive Encoders Sales Quantity by Maximum Speed (2021-2032)

5.2 Global Non-Contact Capacitive Encoders Consumption Value by Maximum Speed (2021-2032)

5.3 Global Non-Contact Capacitive Encoders Average Price by Maximum Speed (2021-2032)

## **6 MARKET SEGMENT BY APPLICATION**

6.1 Global Non-Contact Capacitive Encoders Sales Quantity by Application (2021-2032)

6.2 Global Non-Contact Capacitive Encoders Consumption Value by Application (2021-2032)

6.3 Global Non-Contact Capacitive Encoders Average Price by Application (2021-2032)

## **7 NORTH AMERICA**

7.1 North America Non-Contact Capacitive Encoders Sales Quantity by Maximum Speed (2021-2032)

7.2 North America Non-Contact Capacitive Encoders Sales Quantity by Application (2021-2032)

7.3 North America Non-Contact Capacitive Encoders Market Size by Country

7.3.1 North America Non-Contact Capacitive Encoders Sales Quantity by Country (2021-2032)

7.3.2 North America Non-Contact Capacitive Encoders Consumption Value by Country (2021-2032)

7.3.3 United States Market Size and Forecast (2021-2032)

7.3.4 Canada Market Size and Forecast (2021-2032)

7.3.5 Mexico Market Size and Forecast (2021-2032)

## **8 EUROPE**

8.1 Europe Non-Contact Capacitive Encoders Sales Quantity by Maximum Speed (2021-2032)

8.2 Europe Non-Contact Capacitive Encoders Sales Quantity by Application

(2021-2032)

8.3 Europe Non-Contact Capacitive Encoders Market Size by Country

8.3.1 Europe Non-Contact Capacitive Encoders Sales Quantity by Country

(2021-2032)

8.3.2 Europe Non-Contact Capacitive Encoders Consumption Value by Country

(2021-2032)

8.3.3 Germany Market Size and Forecast (2021-2032)

8.3.4 France Market Size and Forecast (2021-2032)

8.3.5 United Kingdom Market Size and Forecast (2021-2032)

8.3.6 Russia Market Size and Forecast (2021-2032)

8.3.7 Italy Market Size and Forecast (2021-2032)

## **9 ASIA-PACIFIC**

9.1 Asia-Pacific Non-Contact Capacitive Encoders Sales Quantity by Maximum Speed  
(2021-2032)

9.2 Asia-Pacific Non-Contact Capacitive Encoders Sales Quantity by Application  
(2021-2032)

9.3 Asia-Pacific Non-Contact Capacitive Encoders Market Size by Region

9.3.1 Asia-Pacific Non-Contact Capacitive Encoders Sales Quantity by Region  
(2021-2032)

9.3.2 Asia-Pacific Non-Contact Capacitive Encoders Consumption Value by Region  
(2021-2032)

9.3.3 China Market Size and Forecast (2021-2032)

9.3.4 Japan Market Size and Forecast (2021-2032)

9.3.5 South Korea Market Size and Forecast (2021-2032)

9.3.6 India Market Size and Forecast (2021-2032)

9.3.7 Southeast Asia Market Size and Forecast (2021-2032)

9.3.8 Australia Market Size and Forecast (2021-2032)

## **10 SOUTH AMERICA**

10.1 South America Non-Contact Capacitive Encoders Sales Quantity by Maximum  
Speed (2021-2032)

10.2 South America Non-Contact Capacitive Encoders Sales Quantity by Application  
(2021-2032)

10.3 South America Non-Contact Capacitive Encoders Market Size by Country

10.3.1 South America Non-Contact Capacitive Encoders Sales Quantity by Country  
(2021-2032)

10.3.2 South America Non-Contact Capacitive Encoders Consumption Value by Country (2021-2032)

10.3.3 Brazil Market Size and Forecast (2021-2032)

10.3.4 Argentina Market Size and Forecast (2021-2032)

## **11 MIDDLE EAST & AFRICA**

11.1 Middle East & Africa Non-Contact Capacitive Encoders Sales Quantity by Maximum Speed (2021-2032)

11.2 Middle East & Africa Non-Contact Capacitive Encoders Sales Quantity by Application (2021-2032)

11.3 Middle East & Africa Non-Contact Capacitive Encoders Market Size by Country

11.3.1 Middle East & Africa Non-Contact Capacitive Encoders Sales Quantity by Country (2021-2032)

11.3.2 Middle East & Africa Non-Contact Capacitive Encoders Consumption Value by Country (2021-2032)

11.3.3 Turkey Market Size and Forecast (2021-2032)

11.3.4 Egypt Market Size and Forecast (2021-2032)

11.3.5 Saudi Arabia Market Size and Forecast (2021-2032)

11.3.6 South Africa Market Size and Forecast (2021-2032)

## **12 MARKET DYNAMICS**

12.1 Non-Contact Capacitive Encoders Market Drivers

12.2 Non-Contact Capacitive Encoders Market Restraints

12.3 Non-Contact Capacitive Encoders Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

## **13 RAW MATERIAL AND INDUSTRY CHAIN**

13.1 Raw Material of Non-Contact Capacitive Encoders and Key Manufacturers

13.2 Manufacturing Costs Percentage of Non-Contact Capacitive Encoders

13.3 Non-Contact Capacitive Encoders Production Process

13.4 Industry Value Chain Analysis

## **14 SHIPMENTS BY DISTRIBUTION CHANNEL**

### 14.1 Sales Channel

#### 14.1.1 Direct to End-User

#### 14.1.2 Distributors

### 14.2 Non-Contact Capacitive Encoders Typical Distributors

### 14.3 Non-Contact Capacitive Encoders Typical Customers

## **15 RESEARCH FINDINGS AND CONCLUSION**

## **16 APPENDIX**

### 16.1 Methodology

### 16.2 Research Process and Data Source

### 16.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. Global Non-Contact Capacitive Encoders Consumption Value by Maximum Speed, (USD Million), 2021 & 2025 & 2032

Table 2. Global Non-Contact Capacitive Encoders Consumption Value by Input Voltage, (USD Million), 2021 & 2025 & 2032

Table 3. Global Non-Contact Capacitive Encoders Consumption Value by Orientation, (USD Million), 2021 & 2025 & 2032

Table 4. Global Non-Contact Capacitive Encoders Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Table 5. Kappasense Basic Information, Manufacturing Base and Competitors

Table 6. Kappasense Major Business

Table 7. Kappasense Non-Contact Capacitive Encoders Product and Services

Table 8. Kappasense Non-Contact Capacitive Encoders Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 9. Kappasense Recent Developments/Updates

Table 10. Same Sky Basic Information, Manufacturing Base and Competitors

Table 11. Same Sky Major Business

Table 12. Same Sky Non-Contact Capacitive Encoders Product and Services

Table 13. Same Sky Non-Contact Capacitive Encoders Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 14. Same Sky Recent Developments/Updates

Table 15. Netzer Basic Information, Manufacturing Base and Competitors

Table 16. Netzer Major Business

Table 17. Netzer Non-Contact Capacitive Encoders Product and Services

Table 18. Netzer Non-Contact Capacitive Encoders Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 19. Netzer Recent Developments/Updates

Table 20. TR Electronic Basic Information, Manufacturing Base and Competitors

Table 21. TR Electronic Major Business

Table 22. TR Electronic Non-Contact Capacitive Encoders Product and Services

Table 23. TR Electronic Non-Contact Capacitive Encoders Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 24. TR Electronic Recent Developments/Updates

Table 25. Heidenhain Basic Information, Manufacturing Base and Competitors

Table 26. Heidenhain Major Business

Table 27. Heidenhain Non-Contact Capacitive Encoders Product and Services

Table 28. Heidenhain Non-Contact Capacitive Encoders Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 29. Heidenhain Recent Developments/Updates

Table 30. PoLabs Basic Information, Manufacturing Base and Competitors

Table 31. PoLabs Major Business

Table 32. PoLabs Non-Contact Capacitive Encoders Product and Services

Table 33. PoLabs Non-Contact Capacitive Encoders Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 34. PoLabs Recent Developments/Updates

Table 35. Posital-Fraba Basic Information, Manufacturing Base and Competitors

Table 36. Posital-Fraba Major Business

Table 37. Posital-Fraba Non-Contact Capacitive Encoders Product and Services

Table 38. Posital-Fraba Non-Contact Capacitive Encoders Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 39. Posital-Fraba Recent Developments/Updates

Table 40. Hengstler Basic Information, Manufacturing Base and Competitors

Table 41. Hengstler Major Business

Table 42. Hengstler Non-Contact Capacitive Encoders Product and Services

Table 43. Hengstler Non-Contact Capacitive Encoders Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 44. Hengstler Recent Developments/Updates

Table 45. Bourns Basic Information, Manufacturing Base and Competitors

Table 46. Bourns Major Business

Table 47. Bourns Non-Contact Capacitive Encoders Product and Services

Table 48. Bourns Non-Contact Capacitive Encoders Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 49. Bourns Recent Developments/Updates

Table 50. SICK Basic Information, Manufacturing Base and Competitors

Table 51. SICK Major Business

Table 52. SICK Non-Contact Capacitive Encoders Product and Services

Table 53. SICK Non-Contact Capacitive Encoders Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 54. SICK Recent Developments/Updates

Table 55. Georg Schlegel Basic Information, Manufacturing Base and Competitors

Table 56. Georg Schlegel Major Business

Table 57. Georg Schlegel Non-Contact Capacitive Encoders Product and Services

Table 58. Georg Schlegel Non-Contact Capacitive Encoders Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 59. Georg Schlegel Recent Developments/Updates

Table 60. Micro-Epsilon Basic Information, Manufacturing Base and Competitors

Table 61. Micro-Epsilon Major Business

Table 62. Micro-Epsilon Non-Contact Capacitive Encoders Product and Services

Table 63. Micro-Epsilon Non-Contact Capacitive Encoders Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 64. Micro-Epsilon Recent Developments/Updates

Table 65. Global Non-Contact Capacitive Encoders Sales Quantity by Manufacturer (2021-2026) & (K Units)

Table 66. Global Non-Contact Capacitive Encoders Revenue by Manufacturer (2021-2026) & (USD Million)

Table 67. Global Non-Contact Capacitive Encoders Average Price by Manufacturer (2021-2026) & (US\$/Unit)

Table 68. Market Position of Manufacturers in Non-Contact Capacitive Encoders, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025

Table 69. Head Office and Non-Contact Capacitive Encoders Production Site of Key Manufacturer

Table 70. Non-Contact Capacitive Encoders Market: Company Product Type Footprint

Table 71. Non-Contact Capacitive Encoders Market: Company Product Application Footprint

Table 72. Non-Contact Capacitive Encoders New Market Entrants and Barriers to Market Entry

Table 73. Non-Contact Capacitive Encoders Mergers, Acquisition, Agreements, and Collaborations

Table 74. Global Non-Contact Capacitive Encoders Consumption Value by Region (2021-2025-2032) & (USD Million) & CAGR

Table 75. Global Non-Contact Capacitive Encoders Sales Quantity by Region (2021-2026) & (K Units)

Table 76. Global Non-Contact Capacitive Encoders Sales Quantity by Region (2027-2032) & (K Units)

Table 77. Global Non-Contact Capacitive Encoders Consumption Value by Region (2021-2026) & (USD Million)

Table 78. Global Non-Contact Capacitive Encoders Consumption Value by Region (2027-2032) & (USD Million)

Table 79. Global Non-Contact Capacitive Encoders Average Price by Region (2021-2026) & (US\$/Unit)

Table 80. Global Non-Contact Capacitive Encoders Average Price by Region (2027-2032) & (US\$/Unit)

Table 81. Global Non-Contact Capacitive Encoders Sales Quantity by Maximum Speed (2021-2026) & (K Units)

Table 82. Global Non-Contact Capacitive Encoders Sales Quantity by Maximum Speed (2027-2032) & (K Units)

Table 83. Global Non-Contact Capacitive Encoders Consumption Value by Maximum Speed (2021-2026) & (USD Million)

Table 84. Global Non-Contact Capacitive Encoders Consumption Value by Maximum Speed (2027-2032) & (USD Million)

Table 85. Global Non-Contact Capacitive Encoders Average Price by Maximum Speed (2021-2026) & (US\$/Unit)

Table 86. Global Non-Contact Capacitive Encoders Average Price by Maximum Speed (2027-2032) & (US\$/Unit)

Table 87. Global Non-Contact Capacitive Encoders Sales Quantity by Application (2021-2026) & (K Units)

Table 88. Global Non-Contact Capacitive Encoders Sales Quantity by Application (2027-2032) & (K Units)

Table 89. Global Non-Contact Capacitive Encoders Consumption Value by Application (2021-2026) & (USD Million)

Table 90. Global Non-Contact Capacitive Encoders Consumption Value by Application (2027-2032) & (USD Million)

Table 91. Global Non-Contact Capacitive Encoders Average Price by Application (2021-2026) & (US\$/Unit)

Table 92. Global Non-Contact Capacitive Encoders Average Price by Application (2027-2032) & (US\$/Unit)

Table 93. North America Non-Contact Capacitive Encoders Sales Quantity by Maximum Speed (2021-2026) & (K Units)

Table 94. North America Non-Contact Capacitive Encoders Sales Quantity by Maximum Speed (2027-2032) & (K Units)

Table 95. North America Non-Contact Capacitive Encoders Sales Quantity by Application (2021-2026) & (K Units)

Table 96. North America Non-Contact Capacitive Encoders Sales Quantity by Application (2027-2032) & (K Units)

Table 97. North America Non-Contact Capacitive Encoders Sales Quantity by Country

(2021-2026) & (K Units)

Table 98. North America Non-Contact Capacitive Encoders Sales Quantity by Country (2027-2032) & (K Units)

Table 99. North America Non-Contact Capacitive Encoders Consumption Value by Country (2021-2026) & (USD Million)

Table 100. North America Non-Contact Capacitive Encoders Consumption Value by Country (2027-2032) & (USD Million)

Table 101. Europe Non-Contact Capacitive Encoders Sales Quantity by Maximum Speed (2021-2026) & (K Units)

Table 102. Europe Non-Contact Capacitive Encoders Sales Quantity by Maximum Speed (2027-2032) & (K Units)

Table 103. Europe Non-Contact Capacitive Encoders Sales Quantity by Application (2021-2026) & (K Units)

Table 104. Europe Non-Contact Capacitive Encoders Sales Quantity by Application (2027-2032) & (K Units)

Table 105. Europe Non-Contact Capacitive Encoders Sales Quantity by Country (2021-2026) & (K Units)

Table 106. Europe Non-Contact Capacitive Encoders Sales Quantity by Country (2027-2032) & (K Units)

Table 107. Europe Non-Contact Capacitive Encoders Consumption Value by Country (2021-2026) & (USD Million)

Table 108. Europe Non-Contact Capacitive Encoders Consumption Value by Country (2027-2032) & (USD Million)

Table 109. Asia-Pacific Non-Contact Capacitive Encoders Sales Quantity by Maximum Speed (2021-2026) & (K Units)

Table 110. Asia-Pacific Non-Contact Capacitive Encoders Sales Quantity by Maximum Speed (2027-2032) & (K Units)

Table 111. Asia-Pacific Non-Contact Capacitive Encoders Sales Quantity by Application (2021-2026) & (K Units)

Table 112. Asia-Pacific Non-Contact Capacitive Encoders Sales Quantity by Application (2027-2032) & (K Units)

Table 113. Asia-Pacific Non-Contact Capacitive Encoders Sales Quantity by Region (2021-2026) & (K Units)

Table 114. Asia-Pacific Non-Contact Capacitive Encoders Sales Quantity by Region (2027-2032) & (K Units)

Table 115. Asia-Pacific Non-Contact Capacitive Encoders Consumption Value by Region (2021-2026) & (USD Million)

Table 116. Asia-Pacific Non-Contact Capacitive Encoders Consumption Value by Region (2027-2032) & (USD Million)

- Table 117. South America Non-Contact Capacitive Encoders Sales Quantity by Maximum Speed (2021-2026) & (K Units)
- Table 118. South America Non-Contact Capacitive Encoders Sales Quantity by Maximum Speed (2027-2032) & (K Units)
- Table 119. South America Non-Contact Capacitive Encoders Sales Quantity by Application (2021-2026) & (K Units)
- Table 120. South America Non-Contact Capacitive Encoders Sales Quantity by Application (2027-2032) & (K Units)
- Table 121. South America Non-Contact Capacitive Encoders Sales Quantity by Country (2021-2026) & (K Units)
- Table 122. South America Non-Contact Capacitive Encoders Sales Quantity by Country (2027-2032) & (K Units)
- Table 123. South America Non-Contact Capacitive Encoders Consumption Value by Country (2021-2026) & (USD Million)
- Table 124. South America Non-Contact Capacitive Encoders Consumption Value by Country (2027-2032) & (USD Million)
- Table 125. Middle East & Africa Non-Contact Capacitive Encoders Sales Quantity by Maximum Speed (2021-2026) & (K Units)
- Table 126. Middle East & Africa Non-Contact Capacitive Encoders Sales Quantity by Maximum Speed (2027-2032) & (K Units)
- Table 127. Middle East & Africa Non-Contact Capacitive Encoders Sales Quantity by Application (2021-2026) & (K Units)
- Table 128. Middle East & Africa Non-Contact Capacitive Encoders Sales Quantity by Application (2027-2032) & (K Units)
- Table 129. Middle East & Africa Non-Contact Capacitive Encoders Sales Quantity by Country (2021-2026) & (K Units)
- Table 130. Middle East & Africa Non-Contact Capacitive Encoders Sales Quantity by Country (2027-2032) & (K Units)
- Table 131. Middle East & Africa Non-Contact Capacitive Encoders Consumption Value by Country (2021-2026) & (USD Million)
- Table 132. Middle East & Africa Non-Contact Capacitive Encoders Consumption Value by Country (2027-2032) & (USD Million)
- Table 133. Non-Contact Capacitive Encoders Raw Material
- Table 134. Key Manufacturers of Non-Contact Capacitive Encoders Raw Materials
- Table 135. Non-Contact Capacitive Encoders Typical Distributors
- Table 136. Non-Contact Capacitive Encoders Typical Customers

## List Of Figures

### LIST OF FIGURES

Figure 1. Non-Contact Capacitive Encoders Picture

Figure 2. Global Non-Contact Capacitive Encoders Revenue by Maximum Speed, (USD Million), 2021 & 2025 & 2032

Figure 3. Global Non-Contact Capacitive Encoders Revenue Market Share by Maximum Speed in 2025

Figure 4. 7500 RPM Examples

Figure 5. 8000 RPM Examples

Figure 6. 10000 RPM Examples

Figure 7. Others Examples

Figure 8. Global Non-Contact Capacitive Encoders Revenue by Input Voltage, (USD Million), 2021 & 2025 & 2032

Figure 9. Global Non-Contact Capacitive Encoders Revenue Market Share by Input Voltage in 2025

Figure 10. 3.6V Examples

Figure 11. 4.5V Examples

Figure 12. Others Examples

Figure 13. Global Non-Contact Capacitive Encoders Revenue by Orientation, (USD Million), 2021 & 2025 & 2032

Figure 14. Global Non-Contact Capacitive Encoders Revenue Market Share by Orientation in 2025

Figure 15. Axial Examples

Figure 16. Radial Examples

Figure 17. Global Non-Contact Capacitive Encoders Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 18. Global Non-Contact Capacitive Encoders Revenue Market Share by Application in 2025

Figure 19. Industrial Automation Examples

Figure 20. Aerospace Examples

Figure 21. Medical Examples

Figure 22. Others Examples

Figure 23. Global Non-Contact Capacitive Encoders Consumption Value, (USD Million): 2021 & 2025 & 2032

Figure 24. Global Non-Contact Capacitive Encoders Consumption Value and Forecast (2021-2032) & (USD Million)

Figure 25. Global Non-Contact Capacitive Encoders Sales Quantity (2021-2032) & (K

Units)

Figure 26. Global Non-Contact Capacitive Encoders Price (2021-2032) & (US\$/Unit)

Figure 27. Global Non-Contact Capacitive Encoders Sales Quantity Market Share by Manufacturer in 2025

Figure 28. Global Non-Contact Capacitive Encoders Revenue Market Share by Manufacturer in 2025

Figure 29. Producer Shipments of Non-Contact Capacitive Encoders by Manufacturer Sales (\$MM) and Market Share (%): 2025

Figure 30. Top 3 Non-Contact Capacitive Encoders Manufacturer (Revenue) Market Share in 2025

Figure 31. Top 6 Non-Contact Capacitive Encoders Manufacturer (Revenue) Market Share in 2025

Figure 32. Global Non-Contact Capacitive Encoders Sales Quantity Market Share by Region (2021-2032)

Figure 33. Global Non-Contact Capacitive Encoders Consumption Value Market Share by Region (2021-2032)

Figure 34. North America Non-Contact Capacitive Encoders Consumption Value (2021-2032) & (USD Million)

Figure 35. Europe Non-Contact Capacitive Encoders Consumption Value (2021-2032) & (USD Million)

Figure 36. Asia-Pacific Non-Contact Capacitive Encoders Consumption Value (2021-2032) & (USD Million)

Figure 37. South America Non-Contact Capacitive Encoders Consumption Value (2021-2032) & (USD Million)

Figure 38. Middle East & Africa Non-Contact Capacitive Encoders Consumption Value (2021-2032) & (USD Million)

Figure 39. Global Non-Contact Capacitive Encoders Sales Quantity Market Share by Maximum Speed (2021-2032)

Figure 40. Global Non-Contact Capacitive Encoders Consumption Value Market Share by Maximum Speed (2021-2032)

Figure 41. Global Non-Contact Capacitive Encoders Average Price by Maximum Speed (2021-2032) & (US\$/Unit)

Figure 42. Global Non-Contact Capacitive Encoders Sales Quantity Market Share by Application (2021-2032)

Figure 43. Global Non-Contact Capacitive Encoders Revenue Market Share by Application (2021-2032)

Figure 44. Global Non-Contact Capacitive Encoders Average Price by Application (2021-2032) & (US\$/Unit)

Figure 45. North America Non-Contact Capacitive Encoders Sales Quantity Market

Share by Maximum Speed (2021-2032)

Figure 46. North America Non-Contact Capacitive Encoders Sales Quantity Market

Share by Application (2021-2032)

Figure 47. North America Non-Contact Capacitive Encoders Sales Quantity Market

Share by Country (2021-2032)

Figure 48. North America Non-Contact Capacitive Encoders Consumption Value Market

Share by Country (2021-2032)

Figure 49. United States Non-Contact Capacitive Encoders Consumption Value  
(2021-2032) & (USD Million)

Figure 50. Canada Non-Contact Capacitive Encoders Consumption Value (2021-2032)  
& (USD Million)

Figure 51. Mexico Non-Contact Capacitive Encoders Consumption Value (2021-2032) &  
(USD Million)

Figure 52. Europe Non-Contact Capacitive Encoders Sales Quantity Market Share by  
Maximum Speed (2021-2032)

Figure 53. Europe Non-Contact Capacitive Encoders Sales Quantity Market Share by  
Application (2021-2032)

Figure 54. Europe Non-Contact Capacitive Encoders Sales Quantity Market Share by  
Country (2021-2032)

Figure 55. Europe Non-Contact Capacitive Encoders Consumption Value Market Share  
by Country (2021-2032)

Figure 56. Germany Non-Contact Capacitive Encoders Consumption Value (2021-2032)  
& (USD Million)

Figure 57. France Non-Contact Capacitive Encoders Consumption Value (2021-2032) &  
(USD Million)

Figure 58. United Kingdom Non-Contact Capacitive Encoders Consumption Value  
(2021-2032) & (USD Million)

Figure 59. Russia Non-Contact Capacitive Encoders Consumption Value (2021-2032) &  
(USD Million)

Figure 60. Italy Non-Contact Capacitive Encoders Consumption Value (2021-2032) &  
(USD Million)

Figure 61. Asia-Pacific Non-Contact Capacitive Encoders Sales Quantity Market Share  
by Maximum Speed (2021-2032)

Figure 62. Asia-Pacific Non-Contact Capacitive Encoders Sales Quantity Market Share  
by Application (2021-2032)

Figure 63. Asia-Pacific Non-Contact Capacitive Encoders Sales Quantity Market Share  
by Region (2021-2032)

Figure 64. Asia-Pacific Non-Contact Capacitive Encoders Consumption Value Market  
Share by Region (2021-2032)

- Figure 65. China Non-Contact Capacitive Encoders Consumption Value (2021-2032) & (USD Million)
- Figure 66. Japan Non-Contact Capacitive Encoders Consumption Value (2021-2032) & (USD Million)
- Figure 67. South Korea Non-Contact Capacitive Encoders Consumption Value (2021-2032) & (USD Million)
- Figure 68. India Non-Contact Capacitive Encoders Consumption Value (2021-2032) & (USD Million)
- Figure 69. Southeast Asia Non-Contact Capacitive Encoders Consumption Value (2021-2032) & (USD Million)
- Figure 70. Australia Non-Contact Capacitive Encoders Consumption Value (2021-2032) & (USD Million)
- Figure 71. South America Non-Contact Capacitive Encoders Sales Quantity Market Share by Maximum Speed (2021-2032)
- Figure 72. South America Non-Contact Capacitive Encoders Sales Quantity Market Share by Application (2021-2032)
- Figure 73. South America Non-Contact Capacitive Encoders Sales Quantity Market Share by Country (2021-2032)
- Figure 74. South America Non-Contact Capacitive Encoders Consumption Value Market Share by Country (2021-2032)
- Figure 75. Brazil Non-Contact Capacitive Encoders Consumption Value (2021-2032) & (USD Million)
- Figure 76. Argentina Non-Contact Capacitive Encoders Consumption Value (2021-2032) & (USD Million)
- Figure 77. Middle East & Africa Non-Contact Capacitive Encoders Sales Quantity Market Share by Maximum Speed (2021-2032)
- Figure 78. Middle East & Africa Non-Contact Capacitive Encoders Sales Quantity Market Share by Application (2021-2032)
- Figure 79. Middle East & Africa Non-Contact Capacitive Encoders Sales Quantity Market Share by Country (2021-2032)
- Figure 80. Middle East & Africa Non-Contact Capacitive Encoders Consumption Value Market Share by Country (2021-2032)
- Figure 81. Turkey Non-Contact Capacitive Encoders Consumption Value (2021-2032) & (USD Million)
- Figure 82. Egypt Non-Contact Capacitive Encoders Consumption Value (2021-2032) & (USD Million)
- Figure 83. Saudi Arabia Non-Contact Capacitive Encoders Consumption Value (2021-2032) & (USD Million)
- Figure 84. South Africa Non-Contact Capacitive Encoders Consumption Value

(2021-2032) & (USD Million)

Figure 85. Non-Contact Capacitive Encoders Market Drivers

Figure 86. Non-Contact Capacitive Encoders Market Restraints

Figure 87. Non-Contact Capacitive Encoders Market Trends

Figure 88. Porters Five Forces Analysis

Figure 89. Manufacturing Cost Structure Analysis of Non-Contact Capacitive Encoders in 2025

Figure 90. Manufacturing Process Analysis of Non-Contact Capacitive Encoders

Figure 91. Non-Contact Capacitive Encoders Industrial Chain

Figure 92. Sales Channel: Direct to End-User vs Distributors

Figure 93. Direct Channel Pros & Cons

Figure 94. Indirect Channel Pros & Cons

Figure 95. Methodology

Figure 96. Research Process and Data Source

## I would like to order

Product name: Global Non-Contact Capacitive Encoders Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

Product link: <https://marketpublishers.com/r/G06998B71D2EEN.html>

Price: US\$ 3,480.00 (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/G06998B71D2EEN.html>