

Global Distance Measuring Optical Sensors Market Growth 2024-2030

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Abstracts

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According to our LPI (LP Information) latest study, the global Distance Measuring Optical Sensors market size was valued at US\$ million in 2023. With growing demand in downstream market, the Distance Measuring Optical Sensors is forecast to a readjusted size of US\$ million by 2030 with a CAGR of % during review period.

The research report highlights the growth potential of the global Distance Measuring Optical Sensors market. Distance Measuring Optical Sensors are expected to show stable growth in the future market. However, product differentiation, reducing costs, and supply chain optimization remain crucial for the widespread adoption of Distance Measuring Optical Sensors. Market players need to invest in research and development, forge strategic partnerships, and align their offerings with evolving consumer preferences to capitalize on the immense opportunities presented by the Distance Measuring Optical Sensors market.

Distance measuring optical sensor is an optical sensor to use laser or LED light to quickly and precisely measure distances on a wide range of materials, even at large ranges.

Global Distance Measuring Optical Sensors key players include KEYENCE, SICK, Panasonic, OMRON, COGNEX, etc. Global top five manufacturers hold a share over 65%.

USA is the largest market, with a share over 25%, followed by China and Japan, both have a share over 25%.

In terms of product, Laser is the largest segment, with a share over 80%. And in terms of application, the largest application is Industrial automation, followed by Logistics, Hazards Measurement, etc.

Key Features:

The report on Distance Measuring Optical Sensors market reflects various aspects and provide valuable insights into the industry.

Market Size and Growth: The research report provide an overview of the current size and growth of the Distance Measuring Optical Sensors market. It may include historical data, market segmentation by Type (e.g., Laser, LED), and regional breakdowns.

Market Drivers and Challenges: The report can identify and analyse the factors driving the growth of the Distance Measuring Optical Sensors market, such as government regulations, environmental concerns, technological advancements, and changing consumer preferences. It can also highlight the challenges faced by the industry, including infrastructure limitations, range anxiety, and high upfront costs.

Competitive Landscape: The research report provides analysis of the competitive landscape within the Distance Measuring Optical Sensors market. It includes profiles of key players, their market share, strategies, and product offerings. The report can also highlight emerging players and their potential impact on the market.

Technological Developments: The research report can delve into the latest technological developments in the Distance Measuring Optical Sensors industry. This include advancements in Distance Measuring Optical Sensors technology, Distance Measuring Optical Sensors new entrants, Distance Measuring Optical Sensors new investment, and other innovations that are shaping the future of Distance Measuring Optical Sensors.

Downstream Procumbent Preference: The report can shed light on customer procumbent behaviour and adoption trends in the Distance Measuring Optical Sensors market. It includes factors influencing customer ' purchasing decisions, preferences for Distance Measuring Optical Sensors product.

Government Policies and Incentives: The research report analyse the impact of government policies and incentives on the Distance Measuring Optical Sensors market.

This may include an assessment of regulatory frameworks, subsidies, tax incentives, and other measures aimed at promoting Distance Measuring Optical Sensors market. The report also evaluates the effectiveness of these policies in driving market growth.

Environmental Impact and Sustainability: The research report assess the environmental impact and sustainability aspects of the Distance Measuring Optical Sensors market.

Market Forecasts and Future Outlook: Based on the analysis conducted, the research report provide market forecasts and outlook for the Distance Measuring Optical Sensors industry. This includes projections of market size, growth rates, regional trends, and predictions on technological advancements and policy developments.

Recommendations and Opportunities: The report conclude with recommendations for industry stakeholders, policymakers, and investors. It highlights potential opportunities for market players to capitalize on emerging trends, overcome challenges, and contribute to the growth and development of the Distance Measuring Optical Sensors market.

Market Segmentation:

Distance Measuring Optical Sensors market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Segmentation by type

Laser

LED

Segmentation by application

Industrial Automation

Construction

Logistics

Hazards Measurement

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

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

Acuity

Balluff

BANNER

Banner Engineering

Baumer

COGNEX

ELAG

KEYENCE

KEYENCE

Leuze

Micro-Epsilon

MTI Instruments

Omron

OPTEX

Panasonic

Pepperl+Fuchs

SENSOPART

SensoPart

SHARP

SICK

Sunny Optical

Turck

Key Questions Addressed in this Report

What is the 10-year outlook for the global Distance Measuring Optical Sensors market?

What factors are driving Distance Measuring Optical Sensors market growth, globally and by region?

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

How do Distance Measuring Optical Sensors market opportunities vary by end market size?

How does Distance Measuring Optical Sensors break out type, application?

Contents

1 SCOPE OF THE REPORT

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

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global Distance Measuring Optical Sensors Annual Sales 2019-2030
 - 2.1.2 World Current & Future Analysis for Distance Measuring Optical Sensors by Geographic Region, 2019, 2023 & 2030
 - 2.1.3 World Current & Future Analysis for Distance Measuring Optical Sensors by Country/Region, 2019, 2023 & 2030
- 2.2 Distance Measuring Optical Sensors Segment by Type
 - 2.2.1 Laser
 - 2.2.2 LED
- 2.3 Distance Measuring Optical Sensors Sales by Type
 - 2.3.1 Global Distance Measuring Optical Sensors Sales Market Share by Type (2019-2024)
 - 2.3.2 Global Distance Measuring Optical Sensors Revenue and Market Share by Type (2019-2024)
 - 2.3.3 Global Distance Measuring Optical Sensors Sale Price by Type (2019-2024)
- 2.4 Distance Measuring Optical Sensors Segment by Application
 - 2.4.1 Industrial Automation
 - 2.4.2 Construction
 - 2.4.3 Logistics
 - 2.4.4 Hazards Measurement
 - 2.4.5 Others
- 2.5 Distance Measuring Optical Sensors Sales by Application
 - 2.5.1 Global Distance Measuring Optical Sensors Sale Market Share by Application (2019-2024)

2.5.2 Global Distance Measuring Optical Sensors Revenue and Market Share by Application (2019-2024)

2.5.3 Global Distance Measuring Optical Sensors Sale Price by Application (2019-2024)

3 GLOBAL DISTANCE MEASURING OPTICAL SENSORS BY COMPANY

3.1 Global Distance Measuring Optical Sensors Breakdown Data by Company

3.1.1 Global Distance Measuring Optical Sensors Annual Sales by Company (2019-2024)

3.1.2 Global Distance Measuring Optical Sensors Sales Market Share by Company (2019-2024)

3.2 Global Distance Measuring Optical Sensors Annual Revenue by Company (2019-2024)

3.2.1 Global Distance Measuring Optical Sensors Revenue by Company (2019-2024)

3.2.2 Global Distance Measuring Optical Sensors Revenue Market Share by Company (2019-2024)

3.3 Global Distance Measuring Optical Sensors Sale Price by Company

3.4 Key Manufacturers Distance Measuring Optical Sensors Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Distance Measuring Optical Sensors Product Location Distribution

3.4.2 Players Distance Measuring Optical Sensors Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

3.6 New Products and Potential Entrants

3.7 Mergers & Acquisitions, Expansion

4 WORLD HISTORIC REVIEW FOR DISTANCE MEASURING OPTICAL SENSORS BY GEOGRAPHIC REGION

4.1 World Historic Distance Measuring Optical Sensors Market Size by Geographic Region (2019-2024)

4.1.1 Global Distance Measuring Optical Sensors Annual Sales by Geographic Region (2019-2024)

4.1.2 Global Distance Measuring Optical Sensors Annual Revenue by Geographic Region (2019-2024)

4.2 World Historic Distance Measuring Optical Sensors Market Size by Country/Region

(2019-2024)

4.2.1 Global Distance Measuring Optical Sensors Annual Sales by Country/Region

(2019-2024)

4.2.2 Global Distance Measuring Optical Sensors Annual Revenue by Country/Region

(2019-2024)

4.3 Americas Distance Measuring Optical Sensors Sales Growth

4.4 APAC Distance Measuring Optical Sensors Sales Growth

4.5 Europe Distance Measuring Optical Sensors Sales Growth

4.6 Middle East & Africa Distance Measuring Optical Sensors Sales Growth

5 AMERICAS

5.1 Americas Distance Measuring Optical Sensors Sales by Country

5.1.1 Americas Distance Measuring Optical Sensors Sales by Country (2019-2024)

5.1.2 Americas Distance Measuring Optical Sensors Revenue by Country (2019-2024)

5.2 Americas Distance Measuring Optical Sensors Sales by Type

5.3 Americas Distance Measuring Optical Sensors Sales by Application

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Distance Measuring Optical Sensors Sales by Region

6.1.1 APAC Distance Measuring Optical Sensors Sales by Region (2019-2024)

6.1.2 APAC Distance Measuring Optical Sensors Revenue by Region (2019-2024)

6.2 APAC Distance Measuring Optical Sensors Sales by Type

6.3 APAC Distance Measuring Optical Sensors Sales by Application

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 China Taiwan

7 EUROPE

7.1 Europe Distance Measuring Optical Sensors by Country

7.1.1 Europe Distance Measuring Optical Sensors Sales by Country (2019-2024)

7.1.2 Europe Distance Measuring Optical Sensors Revenue by Country (2019-2024)

7.2 Europe Distance Measuring Optical Sensors Sales by Type

7.3 Europe Distance Measuring Optical Sensors Sales by Application

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Distance Measuring Optical Sensors by Country

8.1.1 Middle East & Africa Distance Measuring Optical Sensors Sales by Country (2019-2024)

8.1.2 Middle East & Africa Distance Measuring Optical Sensors Revenue by Country (2019-2024)

8.2 Middle East & Africa Distance Measuring Optical Sensors Sales by Type

8.3 Middle East & Africa Distance Measuring Optical Sensors Sales by Application

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of Distance Measuring Optical Sensors

10.3 Manufacturing Process Analysis of Distance Measuring Optical Sensors

10.4 Industry Chain Structure of Distance Measuring Optical Sensors

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Distance Measuring Optical Sensors Distributors

11.3 Distance Measuring Optical Sensors Customer

12 WORLD FORECAST REVIEW FOR DISTANCE MEASURING OPTICAL SENSORS BY GEOGRAPHIC REGION

12.1 Global Distance Measuring Optical Sensors Market Size Forecast by Region

12.1.1 Global Distance Measuring Optical Sensors Forecast by Region (2025-2030)

12.1.2 Global Distance Measuring Optical Sensors Annual Revenue Forecast by Region (2025-2030)

12.2 Americas Forecast by Country

12.3 APAC Forecast by Region

12.4 Europe Forecast by Country

12.5 Middle East & Africa Forecast by Country

12.6 Global Distance Measuring Optical Sensors Forecast by Type

12.7 Global Distance Measuring Optical Sensors Forecast by Application

13 KEY PLAYERS ANALYSIS

13.1 Acuity

13.1.1 Acuity Company Information

13.1.2 Acuity Distance Measuring Optical Sensors Product Portfolios and Specifications

13.1.3 Acuity Distance Measuring Optical Sensors Sales, Revenue, Price and Gross Margin (2019-2024)

13.1.4 Acuity Main Business Overview

13.1.5 Acuity Latest Developments

13.2 Balluff

13.2.1 Balluff Company Information

13.2.2 Balluff Distance Measuring Optical Sensors Product Portfolios and Specifications

13.2.3 Balluff Distance Measuring Optical Sensors Sales, Revenue, Price and Gross Margin (2019-2024)

13.2.4 Balluff Main Business Overview

- 13.2.5 Balluff Latest Developments
- 13.3 BANNER
 - 13.3.1 BANNER Company Information
 - 13.3.2 BANNER Distance Measuring Optical Sensors Product Portfolios and Specifications
 - 13.3.3 BANNER Distance Measuring Optical Sensors Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.3.4 BANNER Main Business Overview
 - 13.3.5 BANNER Latest Developments
- 13.4 Banner Engineering
 - 13.4.1 Banner Engineering Company Information
 - 13.4.2 Banner Engineering Distance Measuring Optical Sensors Product Portfolios and Specifications
 - 13.4.3 Banner Engineering Distance Measuring Optical Sensors Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.4.4 Banner Engineering Main Business Overview
 - 13.4.5 Banner Engineering Latest Developments
- 13.5 Baumer
 - 13.5.1 Baumer Company Information
 - 13.5.2 Baumer Distance Measuring Optical Sensors Product Portfolios and Specifications
 - 13.5.3 Baumer Distance Measuring Optical Sensors Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.5.4 Baumer Main Business Overview
 - 13.5.5 Baumer Latest Developments
- 13.6 COGNEX
 - 13.6.1 COGNEX Company Information
 - 13.6.2 COGNEX Distance Measuring Optical Sensors Product Portfolios and Specifications
 - 13.6.3 COGNEX Distance Measuring Optical Sensors Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.6.4 COGNEX Main Business Overview
 - 13.6.5 COGNEX Latest Developments
- 13.7 ELAG
 - 13.7.1 ELAG Company Information
 - 13.7.2 ELAG Distance Measuring Optical Sensors Product Portfolios and Specifications
 - 13.7.3 ELAG Distance Measuring Optical Sensors Sales, Revenue, Price and Gross Margin (2019-2024)

- 13.7.4 ELAG Main Business Overview
- 13.7.5 ELAG Latest Developments
- 13.8 KEYENCE
 - 13.8.1 KEYENCE Company Information
 - 13.8.2 KEYENCE Distance Measuring Optical Sensors Product Portfolios and Specifications
 - 13.8.3 KEYENCE Distance Measuring Optical Sensors Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.8.4 KEYENCE Main Business Overview
 - 13.8.5 KEYENCE Latest Developments
- 13.9 KEYENCE
 - 13.9.1 KEYENCE Company Information
 - 13.9.2 KEYENCE Distance Measuring Optical Sensors Product Portfolios and Specifications
 - 13.9.3 KEYENCE Distance Measuring Optical Sensors Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.9.4 KEYENCE Main Business Overview
 - 13.9.5 KEYENCE Latest Developments
- 13.10 Leuze
 - 13.10.1 Leuze Company Information
 - 13.10.2 Leuze Distance Measuring Optical Sensors Product Portfolios and Specifications
 - 13.10.3 Leuze Distance Measuring Optical Sensors Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.10.4 Leuze Main Business Overview
 - 13.10.5 Leuze Latest Developments
- 13.11 Micro-Epsilon
 - 13.11.1 Micro-Epsilon Company Information
 - 13.11.2 Micro-Epsilon Distance Measuring Optical Sensors Product Portfolios and Specifications
 - 13.11.3 Micro-Epsilon Distance Measuring Optical Sensors Sales, Revenue, Price and Gross Margin (2019-2024)
 - 13.11.4 Micro-Epsilon Main Business Overview
 - 13.11.5 Micro-Epsilon Latest Developments
- 13.12 MTI Instruments
 - 13.12.1 MTI Instruments Company Information
 - 13.12.2 MTI Instruments Distance Measuring Optical Sensors Product Portfolios and Specifications
 - 13.12.3 MTI Instruments Distance Measuring Optical Sensors Sales, Revenue, Price

and Gross Margin (2019-2024)

13.12.4 MTI Instruments Main Business Overview

13.12.5 MTI Instruments Latest Developments

13.13 Omron

13.13.1 Omron Company Information

13.13.2 Omron Distance Measuring Optical Sensors Product Portfolios and Specifications

13.13.3 Omron Distance Measuring Optical Sensors Sales, Revenue, Price and Gross Margin (2019-2024)

13.13.4 Omron Main Business Overview

13.13.5 Omron Latest Developments

13.14 OPTEX

13.14.1 OPTEX Company Information

13.14.2 OPTEX Distance Measuring Optical Sensors Product Portfolios and Specifications

13.14.3 OPTEX Distance Measuring Optical Sensors Sales, Revenue, Price and Gross Margin (2019-2024)

13.14.4 OPTEX Main Business Overview

13.14.5 OPTEX Latest Developments

13.15 Panasonic

13.15.1 Panasonic Company Information

13.15.2 Panasonic Distance Measuring Optical Sensors Product Portfolios and Specifications

13.15.3 Panasonic Distance Measuring Optical Sensors Sales, Revenue, Price and Gross Margin (2019-2024)

13.15.4 Panasonic Main Business Overview

13.15.5 Panasonic Latest Developments

13.16 Pepperl+Fuchs

13.16.1 Pepperl+Fuchs Company Information

13.16.2 Pepperl+Fuchs Distance Measuring Optical Sensors Product Portfolios and Specifications

13.16.3 Pepperl+Fuchs Distance Measuring Optical Sensors Sales, Revenue, Price and Gross Margin (2019-2024)

13.16.4 Pepperl+Fuchs Main Business Overview

13.16.5 Pepperl+Fuchs Latest Developments

13.17 SENSOPART

13.17.1 SENSOPART Company Information

13.17.2 SENSOPART Distance Measuring Optical Sensors Product Portfolios and Specifications

13.17.3 SENSOPART Distance Measuring Optical Sensors Sales, Revenue, Price and Gross Margin (2019-2024)

13.17.4 SENSOPART Main Business Overview

13.17.5 SENSOPART Latest Developments

13.18 SensoPart

13.18.1 SensoPart Company Information

13.18.2 SensoPart Distance Measuring Optical Sensors Product Portfolios and Specifications

13.18.3 SensoPart Distance Measuring Optical Sensors Sales, Revenue, Price and Gross Margin (2019-2024)

13.18.4 SensoPart Main Business Overview

13.18.5 SensoPart Latest Developments

13.19 SHARP

13.19.1 SHARP Company Information

13.19.2 SHARP Distance Measuring Optical Sensors Product Portfolios and Specifications

13.19.3 SHARP Distance Measuring Optical Sensors Sales, Revenue, Price and Gross Margin (2019-2024)

13.19.4 SHARP Main Business Overview

13.19.5 SHARP Latest Developments

13.20 SICK

13.20.1 SICK Company Information

13.20.2 SICK Distance Measuring Optical Sensors Product Portfolios and Specifications

13.20.3 SICK Distance Measuring Optical Sensors Sales, Revenue, Price and Gross Margin (2019-2024)

13.20.4 SICK Main Business Overview

13.20.5 SICK Latest Developments

13.21 Sunny Optical

13.21.1 Sunny Optical Company Information

13.21.2 Sunny Optical Distance Measuring Optical Sensors Product Portfolios and Specifications

13.21.3 Sunny Optical Distance Measuring Optical Sensors Sales, Revenue, Price and Gross Margin (2019-2024)

13.21.4 Sunny Optical Main Business Overview

13.21.5 Sunny Optical Latest Developments

13.22 Turck

13.22.1 Turck Company Information

13.22.2 Turck Distance Measuring Optical Sensors Product Portfolios and

Specifications

13.22.3 Turck Distance Measuring Optical Sensors Sales, Revenue, Price and Gross Margin (2019-2024)

13.22.4 Turck Main Business Overview

13.22.5 Turck Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Distance Measuring Optical Sensors Annual Sales CAGR by Geographic Region (2019, 2023 & 2030) & (\$ millions)

Table 2. Distance Measuring Optical Sensors Annual Sales CAGR by Country/Region (2019, 2023 & 2030) & (\$ millions)

Table 3. Major Players of Laser

Table 4. Major Players of LED

Table 5. Global Distance Measuring Optical Sensors Sales by Type (2019-2024) & (K Units)

Table 6. Global Distance Measuring Optical Sensors Sales Market Share by Type (2019-2024)

Table 7. Global Distance Measuring Optical Sensors Revenue by Type (2019-2024) & (\$ million)

Table 8. Global Distance Measuring Optical Sensors Revenue Market Share by Type (2019-2024)

Table 9. Global Distance Measuring Optical Sensors Sale Price by Type (2019-2024) & (USD/Unit)

Table 10. Global Distance Measuring Optical Sensors Sales by Application (2019-2024) & (K Units)

Table 11. Global Distance Measuring Optical Sensors Sales Market Share by Application (2019-2024)

Table 12. Global Distance Measuring Optical Sensors Revenue by Application (2019-2024)

Table 13. Global Distance Measuring Optical Sensors Revenue Market Share by Application (2019-2024)

Table 14. Global Distance Measuring Optical Sensors Sale Price by Application (2019-2024) & (USD/Unit)

Table 15. Global Distance Measuring Optical Sensors Sales by Company (2019-2024) & (K Units)

Table 16. Global Distance Measuring Optical Sensors Sales Market Share by Company (2019-2024)

Table 17. Global Distance Measuring Optical Sensors Revenue by Company (2019-2024) (\$ Millions)

Table 18. Global Distance Measuring Optical Sensors Revenue Market Share by Company (2019-2024)

Table 19. Global Distance Measuring Optical Sensors Sale Price by Company

(2019-2024) & (USD/Unit)

Table 20. Key Manufacturers Distance Measuring Optical Sensors Producing Area Distribution and Sales Area

Table 21. Players Distance Measuring Optical Sensors Products Offered

Table 22. Distance Measuring Optical Sensors Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

Table 23. New Products and Potential Entrants

Table 24. Mergers & Acquisitions, Expansion

Table 25. Global Distance Measuring Optical Sensors Sales by Geographic Region (2019-2024) & (K Units)

Table 26. Global Distance Measuring Optical Sensors Sales Market Share Geographic Region (2019-2024)

Table 27. Global Distance Measuring Optical Sensors Revenue by Geographic Region (2019-2024) & (\$ millions)

Table 28. Global Distance Measuring Optical Sensors Revenue Market Share by Geographic Region (2019-2024)

Table 29. Global Distance Measuring Optical Sensors Sales by Country/Region (2019-2024) & (K Units)

Table 30. Global Distance Measuring Optical Sensors Sales Market Share by Country/Region (2019-2024)

Table 31. Global Distance Measuring Optical Sensors Revenue by Country/Region (2019-2024) & (\$ millions)

Table 32. Global Distance Measuring Optical Sensors Revenue Market Share by Country/Region (2019-2024)

Table 33. Americas Distance Measuring Optical Sensors Sales by Country (2019-2024) & (K Units)

Table 34. Americas Distance Measuring Optical Sensors Sales Market Share by Country (2019-2024)

Table 35. Americas Distance Measuring Optical Sensors Revenue by Country (2019-2024) & (\$ Millions)

Table 36. Americas Distance Measuring Optical Sensors Revenue Market Share by Country (2019-2024)

Table 37. Americas Distance Measuring Optical Sensors Sales by Type (2019-2024) & (K Units)

Table 38. Americas Distance Measuring Optical Sensors Sales by Application (2019-2024) & (K Units)

Table 39. APAC Distance Measuring Optical Sensors Sales by Region (2019-2024) & (K Units)

Table 40. APAC Distance Measuring Optical Sensors Sales Market Share by Region

(2019-2024)

Table 41. APAC Distance Measuring Optical Sensors Revenue by Region (2019-2024) & (\$ Millions)

Table 42. APAC Distance Measuring Optical Sensors Revenue Market Share by Region (2019-2024)

Table 43. APAC Distance Measuring Optical Sensors Sales by Type (2019-2024) & (K Units)

Table 44. APAC Distance Measuring Optical Sensors Sales by Application (2019-2024) & (K Units)

Table 45. Europe Distance Measuring Optical Sensors Sales by Country (2019-2024) & (K Units)

Table 46. Europe Distance Measuring Optical Sensors Sales Market Share by Country (2019-2024)

Table 47. Europe Distance Measuring Optical Sensors Revenue by Country (2019-2024) & (\$ Millions)

Table 48. Europe Distance Measuring Optical Sensors Revenue Market Share by Country (2019-2024)

Table 49. Europe Distance Measuring Optical Sensors Sales by Type (2019-2024) & (K Units)

Table 50. Europe Distance Measuring Optical Sensors Sales by Application (2019-2024) & (K Units)

Table 51. Middle East & Africa Distance Measuring Optical Sensors Sales by Country (2019-2024) & (K Units)

Table 52. Middle East & Africa Distance Measuring Optical Sensors Sales Market Share by Country (2019-2024)

Table 53. Middle East & Africa Distance Measuring Optical Sensors Revenue by Country (2019-2024) & (\$ Millions)

Table 54. Middle East & Africa Distance Measuring Optical Sensors Revenue Market Share by Country (2019-2024)

Table 55. Middle East & Africa Distance Measuring Optical Sensors Sales by Type (2019-2024) & (K Units)

Table 56. Middle East & Africa Distance Measuring Optical Sensors Sales by Application (2019-2024) & (K Units)

Table 57. Key Market Drivers & Growth Opportunities of Distance Measuring Optical Sensors

Table 58. Key Market Challenges & Risks of Distance Measuring Optical Sensors

Table 59. Key Industry Trends of Distance Measuring Optical Sensors

Table 60. Distance Measuring Optical Sensors Raw Material

Table 61. Key Suppliers of Raw Materials

Table 62. Distance Measuring Optical Sensors Distributors List

Table 63. Distance Measuring Optical Sensors Customer List

Table 64. Global Distance Measuring Optical Sensors Sales Forecast by Region
(2025-2030) & (K Units)

Table 65. Global Distance Measuring Optical Sensors Revenue Forecast by Region
(2025-2030) & (\$ millions)

Table 66. Americas Distance Measuring Optical Sensors Sales Forecast by Country
(2025-2030) & (K Units)

Table 67. Americas Distance Measuring Optical Sensors Revenue Forecast by Country
(2025-2030) & (\$ millions)

Table 68. APAC Distance Measuring Optical Sensors Sales Forecast by Region
(2025-2030) & (K Units)

Table 69. APAC Distance Measuring Optical Sensors Revenue Forecast by Region
(2025-2030) & (\$ millions)

Table 70. Europe Distance Measuring Optical Sensors Sales Forecast by Country
(2025-2030) & (K Units)

Table 71. Europe Distance Measuring Optical Sensors Revenue Forecast by Country
(2025-2030) & (\$ millions)

Table 72. Middle East & Africa Distance Measuring Optical Sensors Sales Forecast by
Country (2025-2030) & (K Units)

Table 73. Middle East & Africa Distance Measuring Optical Sensors Revenue Forecast
by Country (2025-2030) & (\$ millions)

Table 74. Global Distance Measuring Optical Sensors Sales Forecast by Type
(2025-2030) & (K Units)

Table 75. Global Distance Measuring Optical Sensors Revenue Forecast by Type
(2025-2030) & (\$ Millions)

Table 76. Global Distance Measuring Optical Sensors Sales Forecast by Application
(2025-2030) & (K Units)

Table 77. Global Distance Measuring Optical Sensors Revenue Forecast by Application
(2025-2030) & (\$ Millions)

Table 78. Acuity Basic Information, Distance Measuring Optical Sensors Manufacturing
Base, Sales Area and Its Competitors

Table 79. Acuity Distance Measuring Optical Sensors Product Portfolios and
Specifications

Table 80. Acuity Distance Measuring Optical Sensors Sales (K Units), Revenue (\$
Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 81. Acuity Main Business

Table 82. Acuity Latest Developments

Table 83. Balluff Basic Information, Distance Measuring Optical Sensors Manufacturing

Base, Sales Area and Its Competitors

Table 84. Balluff Distance Measuring Optical Sensors Product Portfolios and Specifications

Table 85. Balluff Distance Measuring Optical Sensors Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 86. Balluff Main Business

Table 87. Balluff Latest Developments

Table 88. BANNER Basic Information, Distance Measuring Optical Sensors Manufacturing Base, Sales Area and Its Competitors

Table 89. BANNER Distance Measuring Optical Sensors Product Portfolios and Specifications

Table 90. BANNER Distance Measuring Optical Sensors Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 91. BANNER Main Business

Table 92. BANNER Latest Developments

Table 93. Banner Engineering Basic Information, Distance Measuring Optical Sensors Manufacturing Base, Sales Area and Its Competitors

Table 94. Banner Engineering Distance Measuring Optical Sensors Product Portfolios and Specifications

Table 95. Banner Engineering Distance Measuring Optical Sensors Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 96. Banner Engineering Main Business

Table 97. Banner Engineering Latest Developments

Table 98. Baumer Basic Information, Distance Measuring Optical Sensors Manufacturing Base, Sales Area and Its Competitors

Table 99. Baumer Distance Measuring Optical Sensors Product Portfolios and Specifications

Table 100. Baumer Distance Measuring Optical Sensors Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 101. Baumer Main Business

Table 102. Baumer Latest Developments

Table 103. COGNEX Basic Information, Distance Measuring Optical Sensors Manufacturing Base, Sales Area and Its Competitors

Table 104. COGNEX Distance Measuring Optical Sensors Product Portfolios and Specifications

Table 105. COGNEX Distance Measuring Optical Sensors Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 106. COGNEX Main Business

Table 107. COGNEX Latest Developments

Table 108. ELAG Basic Information, Distance Measuring Optical Sensors

Manufacturing Base, Sales Area and Its Competitors

Table 109. ELAG Distance Measuring Optical Sensors Product Portfolios and Specifications

Table 110. ELAG Distance Measuring Optical Sensors Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 111. ELAG Main Business

Table 112. ELAG Latest Developments

Table 113. KEYENCE Basic Information, Distance Measuring Optical Sensors Manufacturing Base, Sales Area and Its Competitors

Table 114. KEYENCE Distance Measuring Optical Sensors Product Portfolios and Specifications

Table 115. KEYENCE Distance Measuring Optical Sensors Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 116. KEYENCE Main Business

Table 117. KEYENCE Latest Developments

Table 118. KEYENCE Basic Information, Distance Measuring Optical Sensors Manufacturing Base, Sales Area and Its Competitors

Table 119. KEYENCE Distance Measuring Optical Sensors Product Portfolios and Specifications

Table 120. KEYENCE Distance Measuring Optical Sensors Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 121. KEYENCE Main Business

Table 122. KEYENCE Latest Developments

Table 123. Leuze Basic Information, Distance Measuring Optical Sensors Manufacturing Base, Sales Area and Its Competitors

Table 124. Leuze Distance Measuring Optical Sensors Product Portfolios and Specifications

Table 125. Leuze Distance Measuring Optical Sensors Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 126. Leuze Main Business

Table 127. Leuze Latest Developments

Table 128. Micro-Epsilon Basic Information, Distance Measuring Optical Sensors Manufacturing Base, Sales Area and Its Competitors

Table 129. Micro-Epsilon Distance Measuring Optical Sensors Product Portfolios and Specifications

Table 130. Micro-Epsilon Distance Measuring Optical Sensors Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 131. Micro-Epsilon Main Business

Table 132. Micro-Epsilon Latest Developments

Table 133. MTI Instruments Basic Information, Distance Measuring Optical Sensors Manufacturing Base, Sales Area and Its Competitors

Table 134. MTI Instruments Distance Measuring Optical Sensors Product Portfolios and Specifications

Table 135. MTI Instruments Distance Measuring Optical Sensors Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 136. MTI Instruments Main Business

Table 137. MTI Instruments Latest Developments

Table 138. Omron Basic Information, Distance Measuring Optical Sensors Manufacturing Base, Sales Area and Its Competitors

Table 139. Omron Distance Measuring Optical Sensors Product Portfolios and Specifications

Table 140. Omron Distance Measuring Optical Sensors Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 141. Omron Main Business

Table 142. Omron Latest Developments

Table 143. OPTEX Basic Information, Distance Measuring Optical Sensors Manufacturing Base, Sales Area and Its Competitors

Table 144. OPTEX Distance Measuring Optical Sensors Product Portfolios and Specifications

Table 145. OPTEX Distance Measuring Optical Sensors Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 146. OPTEX Main Business

Table 147. OPTEX Latest Developments

Table 148. Panasonic Basic Information, Distance Measuring Optical Sensors Manufacturing Base, Sales Area and Its Competitors

Table 149. Panasonic Distance Measuring Optical Sensors Product Portfolios and Specifications

Table 150. Panasonic Distance Measuring Optical Sensors Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 151. Panasonic Main Business

Table 152. Panasonic Latest Developments

Table 153. Pepperl+Fuchs Basic Information, Distance Measuring Optical Sensors Manufacturing Base, Sales Area and Its Competitors

Table 154. Pepperl+Fuchs Distance Measuring Optical Sensors Product Portfolios and Specifications

Table 155. Pepperl+Fuchs Distance Measuring Optical Sensors Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 156. Pepperl+Fuchs Main Business
Table 157. Pepperl+Fuchs Latest Developments
Table 158. SENSOPART Basic Information, Distance Measuring Optical Sensors Manufacturing Base, Sales Area and Its Competitors
Table 159. SENSOPART Distance Measuring Optical Sensors Product Portfolios and Specifications
Table 160. SENSOPART Distance Measuring Optical Sensors Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
Table 161. SENSOPART Main Business
Table 162. SENSOPART Latest Developments
Table 163. SensoPart Basic Information, Distance Measuring Optical Sensors Manufacturing Base, Sales Area and Its Competitors
Table 164. SensoPart Distance Measuring Optical Sensors Product Portfolios and Specifications
Table 165. SensoPart Distance Measuring Optical Sensors Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
Table 166. SensoPart Main Business
Table 167. SensoPart Latest Developments
Table 168. SHARP Basic Information, Distance Measuring Optical Sensors Manufacturing Base, Sales Area and Its Competitors
Table 169. SHARP Distance Measuring Optical Sensors Product Portfolios and Specifications
Table 170. SHARP Distance Measuring Optical Sensors Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
Table 171. SHARP Main Business
Table 172. SHARP Latest Developments
Table 173. SICK Basic Information, Distance Measuring Optical Sensors Manufacturing Base, Sales Area and Its Competitors
Table 174. SICK Distance Measuring Optical Sensors Product Portfolios and Specifications
Table 175. SICK Distance Measuring Optical Sensors Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
Table 176. SICK Main Business
Table 177. SICK Latest Developments
Table 178. Sunny Optical Basic Information, Distance Measuring Optical Sensors Manufacturing Base, Sales Area and Its Competitors
Table 179. Sunny Optical Distance Measuring Optical Sensors Product Portfolios and Specifications
Table 180. Sunny Optical Distance Measuring Optical Sensors Sales (K Units),

Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 181. Sunny Optical Main Business

Table 182. Sunny Optical Latest Developments

Table 183. Turck Basic Information, Distance Measuring Optical Sensors Manufacturing Base, Sales Area and Its Competitors

Table 184. Turck Distance Measuring Optical Sensors Product Portfolios and Specifications

Table 185. Turck Distance Measuring Optical Sensors Sales (K Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)

Table 186. Turck Main Business

Table 187. Turck Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Distance Measuring Optical Sensors
- Figure 2. Distance Measuring Optical Sensors Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Distance Measuring Optical Sensors Sales Growth Rate 2019-2030 (K Units)
- Figure 7. Global Distance Measuring Optical Sensors Revenue Growth Rate 2019-2030 (\$ Millions)
- Figure 8. Distance Measuring Optical Sensors Sales by Region (2019, 2023 & 2030) & (\$ Millions)
- Figure 9. Product Picture of Laser
- Figure 10. Product Picture of LED
- Figure 11. Global Distance Measuring Optical Sensors Sales Market Share by Type in 2023
- Figure 12. Global Distance Measuring Optical Sensors Revenue Market Share by Type (2019-2024)
- Figure 13. Distance Measuring Optical Sensors Consumed in Industrial Automation
- Figure 14. Global Distance Measuring Optical Sensors Market: Industrial Automation (2019-2024) & (K Units)
- Figure 15. Distance Measuring Optical Sensors Consumed in Construction
- Figure 16. Global Distance Measuring Optical Sensors Market: Construction (2019-2024) & (K Units)
- Figure 17. Distance Measuring Optical Sensors Consumed in Logistics
- Figure 18. Global Distance Measuring Optical Sensors Market: Logistics (2019-2024) & (K Units)
- Figure 19. Distance Measuring Optical Sensors Consumed in Hazards Measurement
- Figure 20. Global Distance Measuring Optical Sensors Market: Hazards Measurement (2019-2024) & (K Units)
- Figure 21. Distance Measuring Optical Sensors Consumed in Others
- Figure 22. Global Distance Measuring Optical Sensors Market: Others (2019-2024) & (K Units)
- Figure 23. Global Distance Measuring Optical Sensors Sales Market Share by Application (2023)
- Figure 24. Global Distance Measuring Optical Sensors Revenue Market Share by

Application in 2023

Figure 25. Distance Measuring Optical Sensors Sales Market by Company in 2023 (K Units)

Figure 26. Global Distance Measuring Optical Sensors Sales Market Share by Company in 2023

Figure 27. Distance Measuring Optical Sensors Revenue Market by Company in 2023 (\$ Million)

Figure 28. Global Distance Measuring Optical Sensors Revenue Market Share by Company in 2023

Figure 29. Global Distance Measuring Optical Sensors Sales Market Share by Geographic Region (2019-2024)

Figure 30. Global Distance Measuring Optical Sensors Revenue Market Share by Geographic Region in 2023

Figure 31. Americas Distance Measuring Optical Sensors Sales 2019-2024 (K Units)

Figure 32. Americas Distance Measuring Optical Sensors Revenue 2019-2024 (\$ Millions)

Figure 33. APAC Distance Measuring Optical Sensors Sales 2019-2024 (K Units)

Figure 34. APAC Distance Measuring Optical Sensors Revenue 2019-2024 (\$ Millions)

Figure 35. Europe Distance Measuring Optical Sensors Sales 2019-2024 (K Units)

Figure 36. Europe Distance Measuring Optical Sensors Revenue 2019-2024 (\$ Millions)

Figure 37. Middle East & Africa Distance Measuring Optical Sensors Sales 2019-2024 (K Units)

Figure 38. Middle East & Africa Distance Measuring Optical Sensors Revenue 2019-2024 (\$ Millions)

Figure 39. Americas Distance Measuring Optical Sensors Sales Market Share by Country in 2023

Figure 40. Americas Distance Measuring Optical Sensors Revenue Market Share by Country in 2023

Figure 41. Americas Distance Measuring Optical Sensors Sales Market Share by Type (2019-2024)

Figure 42. Americas Distance Measuring Optical Sensors Sales Market Share by Application (2019-2024)

Figure 43. United States Distance Measuring Optical Sensors Revenue Growth 2019-2024 (\$ Millions)

Figure 44. Canada Distance Measuring Optical Sensors Revenue Growth 2019-2024 (\$ Millions)

Figure 45. Mexico Distance Measuring Optical Sensors Revenue Growth 2019-2024 (\$ Millions)

Figure 46. Brazil Distance Measuring Optical Sensors Revenue Growth 2019-2024 (\$

Millions)

Figure 47. APAC Distance Measuring Optical Sensors Sales Market Share by Region in 2023

Figure 48. APAC Distance Measuring Optical Sensors Revenue Market Share by Regions in 2023

Figure 49. APAC Distance Measuring Optical Sensors Sales Market Share by Type (2019-2024)

Figure 50. APAC Distance Measuring Optical Sensors Sales Market Share by Application (2019-2024)

Figure 51. China Distance Measuring Optical Sensors Revenue Growth 2019-2024 (\$ Millions)

Figure 52. Japan Distance Measuring Optical Sensors Revenue Growth 2019-2024 (\$ Millions)

Figure 53. South Korea Distance Measuring Optical Sensors Revenue Growth 2019-2024 (\$ Millions)

Figure 54. Southeast Asia Distance Measuring Optical Sensors Revenue Growth 2019-2024 (\$ Millions)

Figure 55. India Distance Measuring Optical Sensors Revenue Growth 2019-2024 (\$ Millions)

Figure 56. Australia Distance Measuring Optical Sensors Revenue Growth 2019-2024 (\$ Millions)

Figure 57. China Taiwan Distance Measuring Optical Sensors Revenue Growth 2019-2024 (\$ Millions)

Figure 58. Europe Distance Measuring Optical Sensors Sales Market Share by Country in 2023

Figure 59. Europe Distance Measuring Optical Sensors Revenue Market Share by Country in 2023

Figure 60. Europe Distance Measuring Optical Sensors Sales Market Share by Type (2019-2024)

Figure 61. Europe Distance Measuring Optical Sensors Sales Market Share by Application (2019-2024)

Figure 62. Germany Distance Measuring Optical Sensors Revenue Growth 2019-2024 (\$ Millions)

Figure 63. France Distance Measuring Optical Sensors Revenue Growth 2019-2024 (\$ Millions)

Figure 64. UK Distance Measuring Optical Sensors Revenue Growth 2019-2024 (\$ Millions)

Figure 65. Italy Distance Measuring Optical Sensors Revenue Growth 2019-2024 (\$ Millions)

Figure 66. Russia Distance Measuring Optical Sensors Revenue Growth 2019-2024 (\$ Millions)

Figure 67. Middle East & Africa Distance Measuring Optical Sensors Sales Market Share by Country in 2023

Figure 68. Middle East & Africa Distance Measuring Optical Sensors Revenue Market Share by Country in 2023

Figure 69. Middle East & Africa Distance Measuring Optical Sensors Sales Market Share by Type (2019-2024)

Figure 70. Middle East & Africa Distance Measuring Optical Sensors Sales Market Share by Application (2019-2024)

Figure 71. Egypt Distance Measuring Optical Sensors Revenue Growth 2019-2024 (\$ Millions)

Figure 72. South Africa Distance Measuring Optical Sensors Revenue Growth 2019-2024 (\$ Millions)

Figure 73. Israel Distance Measuring Optical Sensors Revenue Growth 2019-2024 (\$ Millions)

Figure 74. Turkey Distance Measuring Optical Sensors Revenue Growth 2019-2024 (\$ Millions)

Figure 75. GCC Country Distance Measuring Optical Sensors Revenue Growth 2019-2024 (\$ Millions)

Figure 76. Manufacturing Cost Structure Analysis of Distance Measuring Optical Sensors in 2023

Figure 77. Manufacturing Process Analysis of Distance Measuring Optical Sensors

Figure 78. Industry Chain Structure of Distance Measuring Optical Sensors

Figure 79. Channels of Distribution

Figure 80. Global Distance Measuring Optical Sensors Sales Market Forecast by Region (2025-2030)

Figure 81. Global Distance Measuring Optical Sensors Revenue Market Share Forecast by Region (2025-2030)

Figure 82. Global Distance Measuring Optical Sensors Sales Market Share Forecast by Type (2025-2030)

Figure 83. Global Distance Measuring Optical Sensors Revenue Market Share Forecast by Type (2025-2030)

Figure 84. Global Distance Measuring Optical Sensors Sales Market Share Forecast by Application (2025-2030)

Figure 85. Global Distance Measuring Optical Sensors Revenue Market Share Forecast by Application (2025-2030)

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