

Global Infrared Distance Sensors Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

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Abstracts

According to our (Global Info Research) latest study, the global Infrared Distance Sensors market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

Infrared ranging sensor is a sensing device, which is a measuring system using infrared rays as the medium. It has a wide measuring range and short response time. It is mainly used in modern technology, national defense and industrial and agricultural fields. The infrared ranging sensor has a pair of infrared signal emitting and receiving diodes. The infrared ranging sensor used emits a beam of infrared light, which forms a reflection process after being irradiated to the object, and receives the signal after reflecting to the sensor, and then uses the CCD image processing Receive the data of the time difference between transmission and reception. After being processed by the signal processor, the distance of the object is calculated. This can be used not only on natural surfaces, but also with reflective panels. Long measurement distance, high frequency response, suitable for harsh industrial environments.

This report is a detailed and comprehensive analysis for global Infrared Distance Sensors market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type 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 2023, are provided.

Key Features:

Global Infrared Distance Sensors market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global Infrared Distance Sensors market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global Infrared Distance Sensors market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2018-2029

Global Infrared Distance Sensors market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2018-2023

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 Infrared Distance Sensors

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 Infrared Distance Sensors 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 STMicroelectronics, Omron, Axetris, Vishay Intertechnology and Amphenol, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Market Segmentation

Infrared Distance Sensors market is split by Type and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts

for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Heat Detection Type

Photon Detection Type

Market segment by Application

Automotive Field

Wind Power Field

Aerospace

Others

Major players covered

STMicroelectronics

Omron

Axetris

Vishay Intertechnology

Amphenol

EMERSON

SICK

Sharp

Murata Manufacturing

MaxBotix

Turck

Pepperl+Fuchs

Raytron

Senba Sensing Technology

Shanghai Lanbao Sensing Technology

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 Infrared Distance Sensors product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Infrared Distance Sensors, with price, sales, revenue and global market share of Infrared Distance Sensors from 2018 to 2023.

Chapter 3, the Infrared Distance Sensors competitive situation, sales quantity, revenue

and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Infrared Distance Sensors breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

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 2017 to 2022. and Infrared Distance Sensors market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of Infrared Distance Sensors.

Chapter 14 and 15, to describe Infrared Distance Sensors sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope of Infrared Distance Sensors

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Infrared Distance Sensors Consumption Value by Type: 2018 Versus 2022 Versus 2029

1.3.2 Heat Detection Type

1.3.3 Photon Detection Type

1.4 Market Analysis by Application

1.4.1 Overview: Global Infrared Distance Sensors Consumption Value by Application: 2018 Versus 2022 Versus 2029

1.4.2 Automotive Field

1.4.3 Wind Power Field

1.4.4 Aerospace

1.4.5 Others

1.5 Global Infrared Distance Sensors Market Size & Forecast

1.5.1 Global Infrared Distance Sensors Consumption Value (2018 & 2022 & 2029)

1.5.2 Global Infrared Distance Sensors Sales Quantity (2018-2029)

1.5.3 Global Infrared Distance Sensors Average Price (2018-2029)

2 MANUFACTURERS PROFILES

2.1 STMicroelectronics

2.1.1 STMicroelectronics Details

2.1.2 STMicroelectronics Major Business

2.1.3 STMicroelectronics Infrared Distance Sensors Product and Services

2.1.4 STMicroelectronics Infrared Distance Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.1.5 STMicroelectronics Recent Developments/Updates

2.2 Omron

2.2.1 Omron Details

2.2.2 Omron Major Business

2.2.3 Omron Infrared Distance Sensors Product and Services

2.2.4 Omron Infrared Distance Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.2.5 Omron Recent Developments/Updates

2.3 Axetris

2.3.1 Axetris Details

2.3.2 Axetris Major Business

2.3.3 Axetris Infrared Distance Sensors Product and Services

2.3.4 Axetris Infrared Distance Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.3.5 Axetris Recent Developments/Updates

2.4 Vishay Intertechnology

2.4.1 Vishay Intertechnology Details

2.4.2 Vishay Intertechnology Major Business

2.4.3 Vishay Intertechnology Infrared Distance Sensors Product and Services

2.4.4 Vishay Intertechnology Infrared Distance Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.4.5 Vishay Intertechnology Recent Developments/Updates

2.5 Amphenol

2.5.1 Amphenol Details

2.5.2 Amphenol Major Business

2.5.3 Amphenol Infrared Distance Sensors Product and Services

2.5.4 Amphenol Infrared Distance Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.5.5 Amphenol Recent Developments/Updates

2.6 EMERSON

2.6.1 EMERSON Details

2.6.2 EMERSON Major Business

2.6.3 EMERSON Infrared Distance Sensors Product and Services

2.6.4 EMERSON Infrared Distance Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.6.5 EMERSON Recent Developments/Updates

2.7 SICK

2.7.1 SICK Details

2.7.2 SICK Major Business

2.7.3 SICK Infrared Distance Sensors Product and Services

2.7.4 SICK Infrared Distance Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.7.5 SICK Recent Developments/Updates

2.8 Sharp

2.8.1 Sharp Details

2.8.2 Sharp Major Business

2.8.3 Sharp Infrared Distance Sensors Product and Services

2.8.4 Sharp Infrared Distance Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.8.5 Sharp Recent Developments/Updates

2.9 Murata Manufacturing

2.9.1 Murata Manufacturing Details

2.9.2 Murata Manufacturing Major Business

2.9.3 Murata Manufacturing Infrared Distance Sensors Product and Services

2.9.4 Murata Manufacturing Infrared Distance Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.9.5 Murata Manufacturing Recent Developments/Updates

2.10 MaxBotix

2.10.1 MaxBotix Details

2.10.2 MaxBotix Major Business

2.10.3 MaxBotix Infrared Distance Sensors Product and Services

2.10.4 MaxBotix Infrared Distance Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.10.5 MaxBotix Recent Developments/Updates

2.11 Turck

2.11.1 Turck Details

2.11.2 Turck Major Business

2.11.3 Turck Infrared Distance Sensors Product and Services

2.11.4 Turck Infrared Distance Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.11.5 Turck Recent Developments/Updates

2.12 Pepperl+Fuchs

2.12.1 Pepperl+Fuchs Details

2.12.2 Pepperl+Fuchs Major Business

2.12.3 Pepperl+Fuchs Infrared Distance Sensors Product and Services

2.12.4 Pepperl+Fuchs Infrared Distance Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.12.5 Pepperl+Fuchs Recent Developments/Updates

2.13 Raytron

2.13.1 Raytron Details

2.13.2 Raytron Major Business

2.13.3 Raytron Infrared Distance Sensors Product and Services

2.13.4 Raytron Infrared Distance Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.13.5 Raytron Recent Developments/Updates

2.14 Senba Sensing Technology

- 2.14.1 Senba Sensing Technology Details
- 2.14.2 Senba Sensing Technology Major Business
- 2.14.3 Senba Sensing Technology Infrared Distance Sensors Product and Services
- 2.14.4 Senba Sensing Technology Infrared Distance Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
- 2.14.5 Senba Sensing Technology Recent Developments/Updates
- 2.15 Shanghai Lanbao Sensing Technology
 - 2.15.1 Shanghai Lanbao Sensing Technology Details
 - 2.15.2 Shanghai Lanbao Sensing Technology Major Business
 - 2.15.3 Shanghai Lanbao Sensing Technology Infrared Distance Sensors Product and Services
 - 2.15.4 Shanghai Lanbao Sensing Technology Infrared Distance Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.15.5 Shanghai Lanbao Sensing Technology Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: INFRARED DISTANCE SENSORS BY MANUFACTURER

- 3.1 Global Infrared Distance Sensors Sales Quantity by Manufacturer (2018-2023)
- 3.2 Global Infrared Distance Sensors Revenue by Manufacturer (2018-2023)
- 3.3 Global Infrared Distance Sensors Average Price by Manufacturer (2018-2023)
- 3.4 Market Share Analysis (2022)
 - 3.4.1 Producer Shipments of Infrared Distance Sensors by Manufacturer Revenue (\$MM) and Market Share (%): 2022
 - 3.4.2 Top 3 Infrared Distance Sensors Manufacturer Market Share in 2022
 - 3.4.2 Top 6 Infrared Distance Sensors Manufacturer Market Share in 2022
- 3.5 Infrared Distance Sensors Market: Overall Company Footprint Analysis
 - 3.5.1 Infrared Distance Sensors Market: Region Footprint
 - 3.5.2 Infrared Distance Sensors Market: Company Product Type Footprint
 - 3.5.3 Infrared Distance Sensors 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 Infrared Distance Sensors Market Size by Region
 - 4.1.1 Global Infrared Distance Sensors Sales Quantity by Region (2018-2029)
 - 4.1.2 Global Infrared Distance Sensors Consumption Value by Region (2018-2029)
 - 4.1.3 Global Infrared Distance Sensors Average Price by Region (2018-2029)

- 4.2 North America Infrared Distance Sensors Consumption Value (2018-2029)
- 4.3 Europe Infrared Distance Sensors Consumption Value (2018-2029)
- 4.4 Asia-Pacific Infrared Distance Sensors Consumption Value (2018-2029)
- 4.5 South America Infrared Distance Sensors Consumption Value (2018-2029)
- 4.6 Middle East and Africa Infrared Distance Sensors Consumption Value (2018-2029)

5 MARKET SEGMENT BY TYPE

- 5.1 Global Infrared Distance Sensors Sales Quantity by Type (2018-2029)
- 5.2 Global Infrared Distance Sensors Consumption Value by Type (2018-2029)
- 5.3 Global Infrared Distance Sensors Average Price by Type (2018-2029)

6 MARKET SEGMENT BY APPLICATION

- 6.1 Global Infrared Distance Sensors Sales Quantity by Application (2018-2029)
- 6.2 Global Infrared Distance Sensors Consumption Value by Application (2018-2029)
- 6.3 Global Infrared Distance Sensors Average Price by Application (2018-2029)

7 NORTH AMERICA

- 7.1 North America Infrared Distance Sensors Sales Quantity by Type (2018-2029)
- 7.2 North America Infrared Distance Sensors Sales Quantity by Application (2018-2029)
- 7.3 North America Infrared Distance Sensors Market Size by Country
 - 7.3.1 North America Infrared Distance Sensors Sales Quantity by Country (2018-2029)
 - 7.3.2 North America Infrared Distance Sensors Consumption Value by Country (2018-2029)
 - 7.3.3 United States Market Size and Forecast (2018-2029)
 - 7.3.4 Canada Market Size and Forecast (2018-2029)
 - 7.3.5 Mexico Market Size and Forecast (2018-2029)

8 EUROPE

- 8.1 Europe Infrared Distance Sensors Sales Quantity by Type (2018-2029)
- 8.2 Europe Infrared Distance Sensors Sales Quantity by Application (2018-2029)
- 8.3 Europe Infrared Distance Sensors Market Size by Country
 - 8.3.1 Europe Infrared Distance Sensors Sales Quantity by Country (2018-2029)
 - 8.3.2 Europe Infrared Distance Sensors Consumption Value by Country (2018-2029)
 - 8.3.3 Germany Market Size and Forecast (2018-2029)
 - 8.3.4 France Market Size and Forecast (2018-2029)

- 8.3.5 United Kingdom Market Size and Forecast (2018-2029)
- 8.3.6 Russia Market Size and Forecast (2018-2029)
- 8.3.7 Italy Market Size and Forecast (2018-2029)

9 ASIA-PACIFIC

- 9.1 Asia-Pacific Infrared Distance Sensors Sales Quantity by Type (2018-2029)
- 9.2 Asia-Pacific Infrared Distance Sensors Sales Quantity by Application (2018-2029)
- 9.3 Asia-Pacific Infrared Distance Sensors Market Size by Region
 - 9.3.1 Asia-Pacific Infrared Distance Sensors Sales Quantity by Region (2018-2029)
 - 9.3.2 Asia-Pacific Infrared Distance Sensors Consumption Value by Region (2018-2029)
 - 9.3.3 China Market Size and Forecast (2018-2029)
 - 9.3.4 Japan Market Size and Forecast (2018-2029)
 - 9.3.5 Korea Market Size and Forecast (2018-2029)
 - 9.3.6 India Market Size and Forecast (2018-2029)
 - 9.3.7 Southeast Asia Market Size and Forecast (2018-2029)
 - 9.3.8 Australia Market Size and Forecast (2018-2029)

10 SOUTH AMERICA

- 10.1 South America Infrared Distance Sensors Sales Quantity by Type (2018-2029)
- 10.2 South America Infrared Distance Sensors Sales Quantity by Application (2018-2029)
- 10.3 South America Infrared Distance Sensors Market Size by Country
 - 10.3.1 South America Infrared Distance Sensors Sales Quantity by Country (2018-2029)
 - 10.3.2 South America Infrared Distance Sensors Consumption Value by Country (2018-2029)
 - 10.3.3 Brazil Market Size and Forecast (2018-2029)
 - 10.3.4 Argentina Market Size and Forecast (2018-2029)

11 MIDDLE EAST & AFRICA

- 11.1 Middle East & Africa Infrared Distance Sensors Sales Quantity by Type (2018-2029)
- 11.2 Middle East & Africa Infrared Distance Sensors Sales Quantity by Application (2018-2029)
- 11.3 Middle East & Africa Infrared Distance Sensors Market Size by Country

11.3.1 Middle East & Africa Infrared Distance Sensors Sales Quantity by Country (2018-2029)

11.3.2 Middle East & Africa Infrared Distance Sensors Consumption Value by Country (2018-2029)

11.3.3 Turkey Market Size and Forecast (2018-2029)

11.3.4 Egypt Market Size and Forecast (2018-2029)

11.3.5 Saudi Arabia Market Size and Forecast (2018-2029)

11.3.6 South Africa Market Size and Forecast (2018-2029)

12 MARKET DYNAMICS

12.1 Infrared Distance Sensors Market Drivers

12.2 Infrared Distance Sensors Market Restraints

12.3 Infrared Distance Sensors 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

12.5 Influence of COVID-19 and Russia-Ukraine War

12.5.1 Influence of COVID-19

12.5.2 Influence of Russia-Ukraine War

13 RAW MATERIAL AND INDUSTRY CHAIN

13.1 Raw Material of Infrared Distance Sensors and Key Manufacturers

13.2 Manufacturing Costs Percentage of Infrared Distance Sensors

13.3 Infrared Distance Sensors Production Process

13.4 Infrared Distance Sensors Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Infrared Distance Sensors Typical Distributors

14.3 Infrared Distance Sensors 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 Infrared Distance Sensors Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Table 2. Global Infrared Distance Sensors Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Table 3. STMicroelectronics Basic Information, Manufacturing Base and Competitors

Table 4. STMicroelectronics Major Business

Table 5. STMicroelectronics Infrared Distance Sensors Product and Services

Table 6. STMicroelectronics Infrared Distance Sensors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 7. STMicroelectronics Recent Developments/Updates

Table 8. Omron Basic Information, Manufacturing Base and Competitors

Table 9. Omron Major Business

Table 10. Omron Infrared Distance Sensors Product and Services

Table 11. Omron Infrared Distance Sensors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 12. Omron Recent Developments/Updates

Table 13. Axetris Basic Information, Manufacturing Base and Competitors

Table 14. Axetris Major Business

Table 15. Axetris Infrared Distance Sensors Product and Services

Table 16. Axetris Infrared Distance Sensors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 17. Axetris Recent Developments/Updates

Table 18. Vishay Intertechnology Basic Information, Manufacturing Base and Competitors

Table 19. Vishay Intertechnology Major Business

Table 20. Vishay Intertechnology Infrared Distance Sensors Product and Services

Table 21. Vishay Intertechnology Infrared Distance Sensors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 22. Vishay Intertechnology Recent Developments/Updates

Table 23. Amphenol Basic Information, Manufacturing Base and Competitors

Table 24. Amphenol Major Business

Table 25. Amphenol Infrared Distance Sensors Product and Services

Table 26. Amphenol Infrared Distance Sensors Sales Quantity (K Units), Average Price

(US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 27. Amphenol Recent Developments/Updates

Table 28. EMERSON Basic Information, Manufacturing Base and Competitors

Table 29. EMERSON Major Business

Table 30. EMERSON Infrared Distance Sensors Product and Services

Table 31. EMERSON Infrared Distance Sensors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 32. EMERSON Recent Developments/Updates

Table 33. SICK Basic Information, Manufacturing Base and Competitors

Table 34. SICK Major Business

Table 35. SICK Infrared Distance Sensors Product and Services

Table 36. SICK Infrared Distance Sensors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 37. SICK Recent Developments/Updates

Table 38. Sharp Basic Information, Manufacturing Base and Competitors

Table 39. Sharp Major Business

Table 40. Sharp Infrared Distance Sensors Product and Services

Table 41. Sharp Infrared Distance Sensors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 42. Sharp Recent Developments/Updates

Table 43. Murata Manufacturing Basic Information, Manufacturing Base and Competitors

Table 44. Murata Manufacturing Major Business

Table 45. Murata Manufacturing Infrared Distance Sensors Product and Services

Table 46. Murata Manufacturing Infrared Distance Sensors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 47. Murata Manufacturing Recent Developments/Updates

Table 48. MaxBotix Basic Information, Manufacturing Base and Competitors

Table 49. MaxBotix Major Business

Table 50. MaxBotix Infrared Distance Sensors Product and Services

Table 51. MaxBotix Infrared Distance Sensors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 52. MaxBotix Recent Developments/Updates

Table 53. Turck Basic Information, Manufacturing Base and Competitors

Table 54. Turck Major Business

Table 55. Turck Infrared Distance Sensors Product and Services

Table 56. Turck Infrared Distance Sensors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 57. Turck Recent Developments/Updates

Table 58. Pepperl+Fuchs Basic Information, Manufacturing Base and Competitors

Table 59. Pepperl+Fuchs Major Business

Table 60. Pepperl+Fuchs Infrared Distance Sensors Product and Services

Table 61. Pepperl+Fuchs Infrared Distance Sensors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 62. Pepperl+Fuchs Recent Developments/Updates

Table 63. Raytron Basic Information, Manufacturing Base and Competitors

Table 64. Raytron Major Business

Table 65. Raytron Infrared Distance Sensors Product and Services

Table 66. Raytron Infrared Distance Sensors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 67. Raytron Recent Developments/Updates

Table 68. Senba Sensing Technology Basic Information, Manufacturing Base and Competitors

Table 69. Senba Sensing Technology Major Business

Table 70. Senba Sensing Technology Infrared Distance Sensors Product and Services

Table 71. Senba Sensing Technology Infrared Distance Sensors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 72. Senba Sensing Technology Recent Developments/Updates

Table 73. Shanghai Lanbao Sensing Technology Basic Information, Manufacturing Base and Competitors

Table 74. Shanghai Lanbao Sensing Technology Major Business

Table 75. Shanghai Lanbao Sensing Technology Infrared Distance Sensors Product and Services

Table 76. Shanghai Lanbao Sensing Technology Infrared Distance Sensors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. Shanghai Lanbao Sensing Technology Recent Developments/Updates

Table 78. Global Infrared Distance Sensors Sales Quantity by Manufacturer (2018-2023) & (K Units)

Table 79. Global Infrared Distance Sensors Revenue by Manufacturer (2018-2023) & (USD Million)

Table 80. Global Infrared Distance Sensors Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 81. Market Position of Manufacturers in Infrared Distance Sensors, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022

Table 82. Head Office and Infrared Distance Sensors Production Site of Key

Manufacturer

Table 83. Infrared Distance Sensors Market: Company Product Type Footprint

Table 84. Infrared Distance Sensors Market: Company Product Application Footprint

Table 85. Infrared Distance Sensors New Market Entrants and Barriers to Market Entry

Table 86. Infrared Distance Sensors Mergers, Acquisition, Agreements, and Collaborations

Table 87. Global Infrared Distance Sensors Sales Quantity by Region (2018-2023) & (K Units)

Table 88. Global Infrared Distance Sensors Sales Quantity by Region (2024-2029) & (K Units)

Table 89. Global Infrared Distance Sensors Consumption Value by Region (2018-2023) & (USD Million)

Table 90. Global Infrared Distance Sensors Consumption Value by Region (2024-2029) & (USD Million)

Table 91. Global Infrared Distance Sensors Average Price by Region (2018-2023) & (US\$/Unit)

Table 92. Global Infrared Distance Sensors Average Price by Region (2024-2029) & (US\$/Unit)

Table 93. Global Infrared Distance Sensors Sales Quantity by Type (2018-2023) & (K Units)

Table 94. Global Infrared Distance Sensors Sales Quantity by Type (2024-2029) & (K Units)

Table 95. Global Infrared Distance Sensors Consumption Value by Type (2018-2023) & (USD Million)

Table 96. Global Infrared Distance Sensors Consumption Value by Type (2024-2029) & (USD Million)

Table 97. Global Infrared Distance Sensors Average Price by Type (2018-2023) & (US\$/Unit)

Table 98. Global Infrared Distance Sensors Average Price by Type (2024-2029) & (US\$/Unit)

Table 99. Global Infrared Distance Sensors Sales Quantity by Application (2018-2023) & (K Units)

Table 100. Global Infrared Distance Sensors Sales Quantity by Application (2024-2029) & (K Units)

Table 101. Global Infrared Distance Sensors Consumption Value by Application (2018-2023) & (USD Million)

Table 102. Global Infrared Distance Sensors Consumption Value by Application (2024-2029) & (USD Million)

Table 103. Global Infrared Distance Sensors Average Price by Application (2018-2023)

& (US\$/Unit)

Table 104. Global Infrared Distance Sensors Average Price by Application (2024-2029)

& (US\$/Unit)

Table 105. North America Infrared Distance Sensors Sales Quantity by Type (2018-2023) & (K Units)

Table 106. North America Infrared Distance Sensors Sales Quantity by Type (2024-2029) & (K Units)

Table 107. North America Infrared Distance Sensors Sales Quantity by Application (2018-2023) & (K Units)

Table 108. North America Infrared Distance Sensors Sales Quantity by Application (2024-2029) & (K Units)

Table 109. North America Infrared Distance Sensors Sales Quantity by Country (2018-2023) & (K Units)

Table 110. North America Infrared Distance Sensors Sales Quantity by Country (2024-2029) & (K Units)

Table 111. North America Infrared Distance Sensors Consumption Value by Country (2018-2023) & (USD Million)

Table 112. North America Infrared Distance Sensors Consumption Value by Country (2024-2029) & (USD Million)

Table 113. Europe Infrared Distance Sensors Sales Quantity by Type (2018-2023) & (K Units)

Table 114. Europe Infrared Distance Sensors Sales Quantity by Type (2024-2029) & (K Units)

Table 115. Europe Infrared Distance Sensors Sales Quantity by Application (2018-2023) & (K Units)

Table 116. Europe Infrared Distance Sensors Sales Quantity by Application (2024-2029) & (K Units)

Table 117. Europe Infrared Distance Sensors Sales Quantity by Country (2018-2023) & (K Units)

Table 118. Europe Infrared Distance Sensors Sales Quantity by Country (2024-2029) & (K Units)

Table 119. Europe Infrared Distance Sensors Consumption Value by Country (2018-2023) & (USD Million)

Table 120. Europe Infrared Distance Sensors Consumption Value by Country (2024-2029) & (USD Million)

Table 121. Asia-Pacific Infrared Distance Sensors Sales Quantity by Type (2018-2023) & (K Units)

Table 122. Asia-Pacific Infrared Distance Sensors Sales Quantity by Type (2024-2029) & (K Units)

Table 123. Asia-Pacific Infrared Distance Sensors Sales Quantity by Application (2018-2023) & (K Units)

Table 124. Asia-Pacific Infrared Distance Sensors Sales Quantity by Application (2024-2029) & (K Units)

Table 125. Asia-Pacific Infrared Distance Sensors Sales Quantity by Region (2018-2023) & (K Units)

Table 126. Asia-Pacific Infrared Distance Sensors Sales Quantity by Region (2024-2029) & (K Units)

Table 127. Asia-Pacific Infrared Distance Sensors Consumption Value by Region (2018-2023) & (USD Million)

Table 128. Asia-Pacific Infrared Distance Sensors Consumption Value by Region (2024-2029) & (USD Million)

Table 129. South America Infrared Distance Sensors Sales Quantity by Type (2018-2023) & (K Units)

Table 130. South America Infrared Distance Sensors Sales Quantity by Type (2024-2029) & (K Units)

Table 131. South America Infrared Distance Sensors Sales Quantity by Application (2018-2023) & (K Units)

Table 132. South America Infrared Distance Sensors Sales Quantity by Application (2024-2029) & (K Units)

Table 133. South America Infrared Distance Sensors Sales Quantity by Country (2018-2023) & (K Units)

Table 134. South America Infrared Distance Sensors Sales Quantity by Country (2024-2029) & (K Units)

Table 135. South America Infrared Distance Sensors Consumption Value by Country (2018-2023) & (USD Million)

Table 136. South America Infrared Distance Sensors Consumption Value by Country (2024-2029) & (USD Million)

Table 137. Middle East & Africa Infrared Distance Sensors Sales Quantity by Type (2018-2023) & (K Units)

Table 138. Middle East & Africa Infrared Distance Sensors Sales Quantity by Type (2024-2029) & (K Units)

Table 139. Middle East & Africa Infrared Distance Sensors Sales Quantity by Application (2018-2023) & (K Units)

Table 140. Middle East & Africa Infrared Distance Sensors Sales Quantity by Application (2024-2029) & (K Units)

Table 141. Middle East & Africa Infrared Distance Sensors Sales Quantity by Region (2018-2023) & (K Units)

Table 142. Middle East & Africa Infrared Distance Sensors Sales Quantity by Region

(2024-2029) & (K Units)

Table 143. Middle East & Africa Infrared Distance Sensors Consumption Value by Region (2018-2023) & (USD Million)

Table 144. Middle East & Africa Infrared Distance Sensors Consumption Value by Region (2024-2029) & (USD Million)

Table 145. Infrared Distance Sensors Raw Material

Table 146. Key Manufacturers of Infrared Distance Sensors Raw Materials

Table 147. Infrared Distance Sensors Typical Distributors

Table 148. Infrared Distance Sensors Typical Customers

List of Figures

Figure 1. Infrared Distance Sensors Picture

Figure 2. Global Infrared Distance Sensors Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 3. Global Infrared Distance Sensors Consumption Value Market Share by Type in 2022

Figure 4. Heat Detection Type Examples

Figure 5. Photon Detection Type Examples

Figure 6. Global Infrared Distance Sensors Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 7. Global Infrared Distance Sensors Consumption Value Market Share by Application in 2022

Figure 8. Automotive Field Examples

Figure 9. Wind Power Field Examples

Figure 10. Aerospace Examples

Figure 11. Others Examples

Figure 12. Global Infrared Distance Sensors Consumption Value, (USD Million): 2018 & 2022 & 2029

Figure 13. Global Infrared Distance Sensors Consumption Value and Forecast (2018-2029) & (USD Million)

Figure 14. Global Infrared Distance Sensors Sales Quantity (2018-2029) & (K Units)

Figure 15. Global Infrared Distance Sensors Average Price (2018-2029) & (US\$/Unit)

Figure 16. Global Infrared Distance Sensors Sales Quantity Market Share by Manufacturer in 2022

Figure 17. Global Infrared Distance Sensors Consumption Value Market Share by Manufacturer in 2022

Figure 18. Producer Shipments of Infrared Distance Sensors by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2021

Figure 19. Top 3 Infrared Distance Sensors Manufacturer (Consumption Value) Market Share in 2022

Figure 20. Top 6 Infrared Distance Sensors Manufacturer (Consumption Value) Market Share in 2022

Figure 21. Global Infrared Distance Sensors Sales Quantity Market Share by Region (2018-2029)

Figure 22. Global Infrared Distance Sensors Consumption Value Market Share by Region (2018-2029)

Figure 23. North America Infrared Distance Sensors Consumption Value (2018-2029) & (USD Million)

Figure 24. Europe Infrared Distance Sensors Consumption Value (2018-2029) & (USD Million)

Figure 25. Asia-Pacific Infrared Distance Sensors Consumption Value (2018-2029) & (USD Million)

Figure 26. South America Infrared Distance Sensors Consumption Value (2018-2029) & (USD Million)

Figure 27. Middle East & Africa Infrared Distance Sensors Consumption Value (2018-2029) & (USD Million)

Figure 28. Global Infrared Distance Sensors Sales Quantity Market Share by Type (2018-2029)

Figure 29. Global Infrared Distance Sensors Consumption Value Market Share by Type (2018-2029)

Figure 30. Global Infrared Distance Sensors Average Price by Type (2018-2029) & (US\$/Unit)

Figure 31. Global Infrared Distance Sensors Sales Quantity Market Share by Application (2018-2029)

Figure 32. Global Infrared Distance Sensors Consumption Value Market Share by Application (2018-2029)

Figure 33. Global Infrared Distance Sensors Average Price by Application (2018-2029) & (US\$/Unit)

Figure 34. North America Infrared Distance Sensors Sales Quantity Market Share by Type (2018-2029)

Figure 35. North America Infrared Distance Sensors Sales Quantity Market Share by Application (2018-2029)

Figure 36. North America Infrared Distance Sensors Sales Quantity Market Share by Country (2018-2029)

Figure 37. North America Infrared Distance Sensors Consumption Value Market Share by Country (2018-2029)

Figure 38. United States Infrared Distance Sensors Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 39. Canada Infrared Distance Sensors Consumption Value and Growth Rate

(2018-2029) & (USD Million)

Figure 40. Mexico Infrared Distance Sensors Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 41. Europe Infrared Distance Sensors Sales Quantity Market Share by Type (2018-2029)

Figure 42. Europe Infrared Distance Sensors Sales Quantity Market Share by Application (2018-2029)

Figure 43. Europe Infrared Distance Sensors Sales Quantity Market Share by Country (2018-2029)

Figure 44. Europe Infrared Distance Sensors Consumption Value Market Share by Country (2018-2029)

Figure 45. Germany Infrared Distance Sensors Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 46. France Infrared Distance Sensors Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 47. United Kingdom Infrared Distance Sensors Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 48. Russia Infrared Distance Sensors Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 49. Italy Infrared Distance Sensors Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 50. Asia-Pacific Infrared Distance Sensors Sales Quantity Market Share by Type (2018-2029)

Figure 51. Asia-Pacific Infrared Distance Sensors Sales Quantity Market Share by Application (2018-2029)

Figure 52. Asia-Pacific Infrared Distance Sensors Sales Quantity Market Share by Region (2018-2029)

Figure 53. Asia-Pacific Infrared Distance Sensors Consumption Value Market Share by Region (2018-2029)

Figure 54. China Infrared Distance Sensors Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 55. Japan Infrared Distance Sensors Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 56. Korea Infrared Distance Sensors Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 57. India Infrared Distance Sensors Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 58. Southeast Asia Infrared Distance Sensors Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 59. Australia Infrared Distance Sensors Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 60. South America Infrared Distance Sensors Sales Quantity Market Share by Type (2018-2029)

Figure 61. South America Infrared Distance Sensors Sales Quantity Market Share by Application (2018-2029)

Figure 62. South America Infrared Distance Sensors Sales Quantity Market Share by Country (2018-2029)

Figure 63. South America Infrared Distance Sensors Consumption Value Market Share by Country (2018-2029)

Figure 64. Brazil Infrared Distance Sensors Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 65. Argentina Infrared Distance Sensors Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 66. Middle East & Africa Infrared Distance Sensors Sales Quantity Market Share by Type (2018-2029)

Figure 67. Middle East & Africa Infrared Distance Sensors Sales Quantity Market Share by Application (2018-2029)

Figure 68. Middle East & Africa Infrared Distance Sensors Sales Quantity Market Share by Region (2018-2029)

Figure 69. Middle East & Africa Infrared Distance Sensors Consumption Value Market Share by Region (2018-2029)

Figure 70. Turkey Infrared Distance Sensors Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 71. Egypt Infrared Distance Sensors Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 72. Saudi Arabia Infrared Distance Sensors Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 73. South Africa Infrared Distance Sensors Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 74. Infrared Distance Sensors Market Drivers

Figure 75. Infrared Distance Sensors Market Restraints

Figure 76. Infrared Distance Sensors Market Trends

Figure 77. Porters Five Forces Analysis

Figure 78. Manufacturing Cost Structure Analysis of Infrared Distance Sensors in 2022

Figure 79. Manufacturing Process Analysis of Infrared Distance Sensors

Figure 80. Infrared Distance Sensors Industrial Chain

Figure 81. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 82. Direct Channel Pros & Cons

Figure 83. Indirect Channel Pros & Cons

Figure 84. Methodology

Figure 85. Research Process and Data Source

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