

# Global Robotic Sensors Market Research Report 2024(Status and Outlook)

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## Abstracts

Report Overview:

Robotic sensors are used to estimate a robot's condition and environment. These signals are passed to a controller to enable appropriate behavior.

Sensors in robots are based on the functions of human sensory organs. Robots require extensive information about their environment in order to function effectively.

This report mainly focuses on the field of sensors for industrial robots.

The Global Robotic Sensors Market Size was estimated at USD 862.35 million in 2023 and is projected to reach USD 1338.30 million by 2029, exhibiting a CAGR of 7.60% during the forecast period.

This report provides a deep insight into the global Robotic Sensors market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, SWOT analysis, Porter's five forces analysis, value chain analysis, etc.

The analysis helps the reader to shape the competition within the industries and strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business organization. The report structure also focuses on the competitive landscape of the Global Robotic Sensors Market, this report introduces in detail the market share, market performance, product situation, operation situation, etc. of the main players, which helps

the readers in the industry to identify the main competitors and deeply understand the competition pattern of the market.

In a word, this report is a must-read for industry players, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the Robotic Sensors market in any manner.

### Global Robotic Sensors Market: Market Segmentation Analysis

The research report includes specific segments by region (country), manufacturers, Type, and Application. Market segmentation creates subsets of a market based on product type, end-user or application, Geographic, and other factors. By understanding the market segments, the decision-maker can leverage this targeting in the product, sales, and marketing strategies. Market segments can power your product development cycles by informing how you create product offerings for different segments.

#### Key Company

FANUC Corporation

Baumer Group

Honeywell International

Infineon Technologies

OMRON Corporation

TE Connectivity

Tekscan

Texas Instruments

Stmicroelectronics

NXP

Robert Bosch

Invensense

Cognex

Baluff

Ifm Electronic Gmbh

Keyence

Rockwell Automation

Daihen Corporation

ATI Industrial Automation

SICK AG

Datalogic

TDK

Sensopart

Market Segmentation (by Type)

Temperature Sensor

Pressure Sensor

Position Sensor

Distance Sensor

Other

Market Segmentation (by Application)

Manufacturing

Automotive

Packaging Industry

Logistics

Other

Geographic Segmentation

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study

Neutral perspective on the market performance

Recent industry trends and developments

Competitive landscape & strategies of key players

Potential & niche segments and regions exhibiting promising growth covered

Historical, current, and projected market size, in terms of value

In-depth analysis of the Robotic Sensors Market

Overview of the regional outlook of the Robotic Sensors Market:

#### Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value (USD Billion) data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

### Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Note: this report may need to undergo a final check or review and this could take about 48 hours.

### Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the Robotic Sensors Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the Market's Competitive Landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the

industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 10 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 11 provides a quantitative analysis of the market size and development potential of each market segment (product type and application) in the next five years.

Chapter 12 is the main points and conclusions of the report.

## Contents

### **1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE**

1.1 Market Definition and Statistical Scope of Robotic Sensors

1.2 Key Market Segments

1.2.1 Robotic Sensors Segment by Type

1.2.2 Robotic Sensors Segment by Application

1.3 Methodology & Sources of Information

1.3.1 Research Methodology

1.3.2 Research Process

1.3.3 Market Breakdown and Data Triangulation

1.3.4 Base Year

1.3.5 Report Assumptions & Caveats

### **2 ROBOTIC SENSORS MARKET OVERVIEW**

2.1 Global Market Overview

2.1.1 Global Robotic Sensors Market Size (M USD) Estimates and Forecasts (2019-2030)

2.1.2 Global Robotic Sensors Sales Estimates and Forecasts (2019-2030)

2.2 Market Segment Executive Summary

2.3 Global Market Size by Region

### **3 ROBOTIC SENSORS MARKET COMPETITIVE LANDSCAPE**

3.1 Global Robotic Sensors Sales by Manufacturers (2019-2024)

3.2 Global Robotic Sensors Revenue Market Share by Manufacturers (2019-2024)

3.3 Robotic Sensors Market Share by Company Type (Tier 1, Tier 2, and Tier 3)

3.4 Global Robotic Sensors Average Price by Manufacturers (2019-2024)

3.5 Manufacturers Robotic Sensors Sales Sites, Area Served, Product Type

3.6 Robotic Sensors Market Competitive Situation and Trends

3.6.1 Robotic Sensors Market Concentration Rate

3.6.2 Global 5 and 10 Largest Robotic Sensors Players Market Share by Revenue

3.6.3 Mergers & Acquisitions, Expansion

### **4 ROBOTIC SENSORS INDUSTRY CHAIN ANALYSIS**

4.1 Robotic Sensors Industry Chain Analysis



- 4.2 Market Overview of Key Raw Materials
- 4.3 Midstream Market Analysis
- 4.4 Downstream Customer Analysis

## **5 THE DEVELOPMENT AND DYNAMICS OF ROBOTIC SENSORS MARKET**

- 5.1 Key Development Trends
- 5.2 Driving Factors
- 5.3 Market Challenges
- 5.4 Market Restraints
- 5.5 Industry News
  - 5.5.1 New Product Developments
  - 5.5.2 Mergers & Acquisitions
  - 5.5.3 Expansions
  - 5.5.4 Collaboration/Supply Contracts
- 5.6 Industry Policies

## **6 ROBOTIC SENSORS MARKET SEGMENTATION BY TYPE**

- 6.1 Evaluation Matrix of Segment Market Development Potential (Type)
- 6.2 Global Robotic Sensors Sales Market Share by Type (2019-2024)
- 6.3 Global Robotic Sensors Market Size Market Share by Type (2019-2024)
- 6.4 Global Robotic Sensors Price by Type (2019-2024)

## **7 ROBOTIC SENSORS MARKET SEGMENTATION BY APPLICATION**

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
- 7.2 Global Robotic Sensors Market Sales by Application (2019-2024)
- 7.3 Global Robotic Sensors Market Size (M USD) by Application (2019-2024)
- 7.4 Global Robotic Sensors Sales Growth Rate by Application (2019-2024)

## **8 ROBOTIC SENSORS MARKET SEGMENTATION BY REGION**

- 8.1 Global Robotic Sensors Sales by Region
  - 8.1.1 Global Robotic Sensors Sales by Region
  - 8.1.2 Global Robotic Sensors Sales Market Share by Region
- 8.2 North America
  - 8.2.1 North America Robotic Sensors Sales by Country
  - 8.2.2 U.S.

- 8.2.3 Canada
- 8.2.4 Mexico
- 8.3 Europe
  - 8.3.1 Europe Robotic Sensors Sales by Country
  - 8.3.2 Germany
  - 8.3.3 France
  - 8.3.4 U.K.
  - 8.3.5 Italy
  - 8.3.6 Russia
- 8.4 Asia Pacific
  - 8.4.1 Asia Pacific Robotic Sensors Sales by Region
  - 8.4.2 China
  - 8.4.3 Japan
  - 8.4.4 South Korea
  - 8.4.5 India
  - 8.4.6 Southeast Asia
- 8.5 South America
  - 8.5.1 South America Robotic Sensors Sales by Country
  - 8.5.2 Brazil
  - 8.5.3 Argentina
  - 8.5.4 Columbia
- 8.6 Middle East and Africa
  - 8.6.1 Middle East and Africa Robotic Sensors Sales by Region
  - 8.6.2 Saudi Arabia
  - 8.6.3 UAE
  - 8.6.4 Egypt
  - 8.6.5 Nigeria
  - 8.6.6 South Africa

## **9 KEY COMPANIES PROFILE**

- 9.1 FANUC Corporation
  - 9.1.1 FANUC Corporation Robotic Sensors Basic Information
  - 9.1.2 FANUC Corporation Robotic Sensors Product Overview
  - 9.1.3 FANUC Corporation Robotic Sensors Product Market Performance
  - 9.1.4 FANUC Corporation Business Overview
  - 9.1.5 FANUC Corporation Robotic Sensors SWOT Analysis
  - 9.1.6 FANUC Corporation Recent Developments
- 9.2 Baumer Group

- 9.2.1 Baumer Group Robotic Sensors Basic Information
- 9.2.2 Baumer Group Robotic Sensors Product Overview
- 9.2.3 Baumer Group Robotic Sensors Product Market Performance
- 9.2.4 Baumer Group Business Overview
- 9.2.5 Baumer Group Robotic Sensors SWOT Analysis
- 9.2.6 Baumer Group Recent Developments
- 9.3 Honeywell International
  - 9.3.1 Honeywell International Robotic Sensors Basic Information
  - 9.3.2 Honeywell International Robotic Sensors Product Overview
  - 9.3.3 Honeywell International Robotic Sensors Product Market Performance
  - 9.3.4 Honeywell International Robotic Sensors SWOT Analysis
  - 9.3.5 Honeywell International Business Overview
  - 9.3.6 Honeywell International Recent Developments
- 9.4 Infineon Technologies
  - 9.4.1 Infineon Technologies Robotic Sensors Basic Information
  - 9.4.2 Infineon Technologies Robotic Sensors Product Overview
  - 9.4.3 Infineon Technologies Robotic Sensors Product Market Performance
  - 9.4.4 Infineon Technologies Business Overview
  - 9.4.5 Infineon Technologies Recent Developments
- 9.5 OMRON Corporation
  - 9.5.1 OMRON Corporation Robotic Sensors Basic Information
  - 9.5.2 OMRON Corporation Robotic Sensors Product Overview
  - 9.5.3 OMRON Corporation Robotic Sensors Product Market Performance
  - 9.5.4 OMRON Corporation Business Overview
  - 9.5.5 OMRON Corporation Recent Developments
- 9.6 TE Connectivity
  - 9.6.1 TE Connectivity Robotic Sensors Basic Information
  - 9.6.2 TE Connectivity Robotic Sensors Product Overview
  - 9.6.3 TE Connectivity Robotic Sensors Product Market Performance
  - 9.6.4 TE Connectivity Business Overview
  - 9.6.5 TE Connectivity Recent Developments
- 9.7 Tekscan
  - 9.7.1 Tekscan Robotic Sensors Basic Information
  - 9.7.2 Tekscan Robotic Sensors Product Overview
  - 9.7.3 Tekscan Robotic Sensors Product Market Performance
  - 9.7.4 Tekscan Business Overview
  - 9.7.5 Tekscan Recent Developments
- 9.8 Texas Instruments
  - 9.8.1 Texas Instruments Robotic Sensors Basic Information

- 9.8.2 Texas Instruments Robotic Sensors Product Overview
- 9.8.3 Texas Instruments Robotic Sensors Product Market Performance
- 9.8.4 Texas Instruments Business Overview
- 9.8.5 Texas Instruments Recent Developments
- 9.9 Stmicroelectronics
  - 9.9.1 Stmicroelectronics Robotic Sensors Basic Information
  - 9.9.2 Stmicroelectronics Robotic Sensors Product Overview
  - 9.9.3 Stmicroelectronics Robotic Sensors Product Market Performance
  - 9.9.4 Stmicroelectronics Business Overview
  - 9.9.5 Stmicroelectronics Recent Developments
- 9.10 NXP
  - 9.10.1 NXP Robotic Sensors Basic Information
  - 9.10.2 NXP Robotic Sensors Product Overview
  - 9.10.3 NXP Robotic Sensors Product Market Performance
  - 9.10.4 NXP Business Overview
  - 9.10.5 NXP Recent Developments
- 9.11 Robert Bosch
  - 9.11.1 Robert Bosch Robotic Sensors Basic Information
  - 9.11.2 Robert Bosch Robotic Sensors Product Overview
  - 9.11.3 Robert Bosch Robotic Sensors Product Market Performance
  - 9.11.4 Robert Bosch Business Overview
  - 9.11.5 Robert Bosch Recent Developments
- 9.12 Invensense
  - 9.12.1 Invensense Robotic Sensors Basic Information
  - 9.12.2 Invensense Robotic Sensors Product Overview
  - 9.12.3 Invensense Robotic Sensors Product Market Performance
  - 9.12.4 Invensense Business Overview
  - 9.12.5 Invensense Recent Developments
- 9.13 Cognex
  - 9.13.1 Cognex Robotic Sensors Basic Information
  - 9.13.2 Cognex Robotic Sensors Product Overview
  - 9.13.3 Cognex Robotic Sensors Product Market Performance
  - 9.13.4 Cognex Business Overview
  - 9.13.5 Cognex Recent Developments
- 9.14 Baluff
  - 9.14.1 Baluff Robotic Sensors Basic Information
  - 9.14.2 Baluff Robotic Sensors Product Overview
  - 9.14.3 Baluff Robotic Sensors Product Market Performance
  - 9.14.4 Baluff Business Overview

- 9.14.5 Baluff Recent Developments
- 9.15 Ifm Electronic Gmbh
  - 9.15.1 Ifm Electronic Gmbh Robotic Sensors Basic Information
  - 9.15.2 Ifm Electronic Gmbh Robotic Sensors Product Overview
  - 9.15.3 Ifm Electronic Gmbh Robotic Sensors Product Market Performance
  - 9.15.4 Ifm Electronic Gmbh Business Overview
  - 9.15.5 Ifm Electronic Gmbh Recent Developments
- 9.16 Keyence
  - 9.16.1 Keyence Robotic Sensors Basic Information
  - 9.16.2 Keyence Robotic Sensors Product Overview
  - 9.16.3 Keyence Robotic Sensors Product Market Performance
  - 9.16.4 Keyence Business Overview
  - 9.16.5 Keyence Recent Developments
- 9.17 Rockwell Automation
  - 9.17.1 Rockwell Automation Robotic Sensors Basic Information
  - 9.17.2 Rockwell Automation Robotic Sensors Product Overview
  - 9.17.3 Rockwell Automation Robotic Sensors Product Market Performance
  - 9.17.4 Rockwell Automation Business Overview
  - 9.17.5 Rockwell Automation Recent Developments
- 9.18 Daihen Corporation
  - 9.18.1 Daihen Corporation Robotic Sensors Basic Information
  - 9.18.2 Daihen Corporation Robotic Sensors Product Overview
  - 9.18.3 Daihen Corporation Robotic Sensors Product Market Performance
  - 9.18.4 Daihen Corporation Business Overview
  - 9.18.5 Daihen Corporation Recent Developments
- 9.19 ATI Industrial Automation
  - 9.19.1 ATI Industrial Automation Robotic Sensors Basic Information
  - 9.19.2 ATI Industrial Automation Robotic Sensors Product Overview
  - 9.19.3 ATI Industrial Automation Robotic Sensors Product Market Performance
  - 9.19.4 ATI Industrial Automation Business Overview
  - 9.19.5 ATI Industrial Automation Recent Developments
- 9.20 SICK AG
  - 9.20.1 SICK AG Robotic Sensors Basic Information
  - 9.20.2 SICK AG Robotic Sensors Product Overview
  - 9.20.3 SICK AG Robotic Sensors Product Market Performance
  - 9.20.4 SICK AG Business Overview
  - 9.20.5 SICK AG Recent Developments
- 9.21 Datalogic
  - 9.21.1 Datalogic Robotic Sensors Basic Information

- 9.21.2 Datalogic Robotic Sensors Product Overview
- 9.21.3 Datalogic Robotic Sensors Product Market Performance
- 9.21.4 Datalogic Business Overview
- 9.21.5 Datalogic Recent Developments
- 9.22 TDK
  - 9.22.1 TDK Robotic Sensors Basic Information
  - 9.22.2 TDK Robotic Sensors Product Overview
  - 9.22.3 TDK Robotic Sensors Product Market Performance
  - 9.22.4 TDK Business Overview
  - 9.22.5 TDK Recent Developments
- 9.23 Sensopart
  - 9.23.1 Sensopart Robotic Sensors Basic Information
  - 9.23.2 Sensopart Robotic Sensors Product Overview
  - 9.23.3 Sensopart Robotic Sensors Product Market Performance
  - 9.23.4 Sensopart Business Overview
  - 9.23.5 Sensopart Recent Developments

## **10 ROBOTIC SENSORS MARKET FORECAST BY REGION**

- 10.1 Global Robotic Sensors Market Size Forecast
- 10.2 Global Robotic Sensors Market Forecast by Region
  - 10.2.1 North America Market Size Forecast by Country
  - 10.2.2 Europe Robotic Sensors Market Size Forecast by Country
  - 10.2.3 Asia Pacific Robotic Sensors Market Size Forecast by Region
  - 10.2.4 South America Robotic Sensors Market Size Forecast by Country
  - 10.2.5 Middle East and Africa Forecasted Consumption of Robotic Sensors by Country

## **11 FORECAST MARKET BY TYPE AND BY APPLICATION (2025-2030)**

- 11.1 Global Robotic Sensors Market Forecast by Type (2025-2030)
  - 11.1.1 Global Forecasted Sales of Robotic Sensors by Type (2025-2030)
  - 11.1.2 Global Robotic Sensors Market Size Forecast by Type (2025-2030)
  - 11.1.3 Global Forecasted Price of Robotic Sensors by Type (2025-2030)
- 11.2 Global Robotic Sensors Market Forecast by Application (2025-2030)
  - 11.2.1 Global Robotic Sensors Sales (K Units) Forecast by Application
  - 11.2.2 Global Robotic Sensors Market Size (M USD) Forecast by Application (2025-2030)

## **12 CONCLUSION AND KEY FINDINGS**



## List Of Tables

### LIST OF TABLES

Table 1. Introduction of the Type

Table 2. Introduction of the Application

Table 3. Market Size (M USD) Segment Executive Summary

Table 4. Robotic Sensors Market Size Comparison by Region (M USD)

Table 5. Global Robotic Sensors Sales (K Units) by Manufacturers (2019-2024)

Table 6. Global Robotic Sensors Sales Market Share by Manufacturers (2019-2024)

Table 7. Global Robotic Sensors Revenue (M USD) by Manufacturers (2019-2024)

Table 8. Global Robotic Sensors Revenue Share by Manufacturers (2019-2024)

Table 9. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Robotic Sensors as of 2022)

Table 10. Global Market Robotic Sensors Average Price (USD/Unit) of Key Manufacturers (2019-2024)

Table 11. Manufacturers Robotic Sensors Sales Sites and Area Served

Table 12. Manufacturers Robotic Sensors Product Type

Table 13. Global Robotic Sensors Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 14. Mergers & Acquisitions, Expansion Plans

Table 15. Industry Chain Map of Robotic Sensors

Table 16. Market Overview of Key Raw Materials

Table 17. Midstream Market Analysis

Table 18. Downstream Customer Analysis

Table 19. Key Development Trends

Table 20. Driving Factors

Table 21. Robotic Sensors Market Challenges

Table 22. Global Robotic Sensors Sales by Type (K Units)

Table 23. Global Robotic Sensors Market Size by Type (M USD)

Table 24. Global Robotic Sensors Sales (K Units) by Type (2019-2024)

Table 25. Global Robotic Sensors Sales Market Share by Type (2019-2024)

Table 26. Global Robotic Sensors Market Size (M USD) by Type (2019-2024)

Table 27. Global Robotic Sensors Market Size Share by Type (2019-2024)

Table 28. Global Robotic Sensors Price (USD/Unit) by Type (2019-2024)

Table 29. Global Robotic Sensors Sales (K Units) by Application

Table 30. Global Robotic Sensors Market Size by Application

Table 31. Global Robotic Sensors Sales by Application (2019-2024) & (K Units)

Table 32. Global Robotic Sensors Sales Market Share by Application (2019-2024)



- Table 33. Global Robotic Sensors Sales by Application (2019-2024) & (M USD)
- Table 34. Global Robotic Sensors Market Share by Application (2019-2024)
- Table 35. Global Robotic Sensors Sales Growth Rate by Application (2019-2024)
- Table 36. Global Robotic Sensors Sales by Region (2019-2024) & (K Units)
- Table 37. Global Robotic Sensors Sales Market Share by Region (2019-2024)
- Table 38. North America Robotic Sensors Sales by Country (2019-2024) & (K Units)
- Table 39. Europe Robotic Sensors Sales by Country (2019-2024) & (K Units)
- Table 40. Asia Pacific Robotic Sensors Sales by Region (2019-2024) & (K Units)
- Table 41. South America Robotic Sensors Sales by Country (2019-2024) & (K Units)
- Table 42. Middle East and Africa Robotic Sensors Sales by Region (2019-2024) & (K Units)
- Table 43. FANUC Corporation Robotic Sensors Basic Information
- Table 44. FANUC Corporation Robotic Sensors Product Overview
- Table 45. FANUC Corporation Robotic Sensors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 46. FANUC Corporation Business Overview
- Table 47. FANUC Corporation Robotic Sensors SWOT Analysis
- Table 48. FANUC Corporation Recent Developments
- Table 49. Baumer Group Robotic Sensors Basic Information
- Table 50. Baumer Group Robotic Sensors Product Overview
- Table 51. Baumer Group Robotic Sensors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 52. Baumer Group Business Overview
- Table 53. Baumer Group Robotic Sensors SWOT Analysis
- Table 54. Baumer Group Recent Developments
- Table 55. Honeywell International Robotic Sensors Basic Information
- Table 56. Honeywell International Robotic Sensors Product Overview
- Table 57. Honeywell International Robotic Sensors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 58. Honeywell International Robotic Sensors SWOT Analysis
- Table 59. Honeywell International Business Overview
- Table 60. Honeywell International Recent Developments
- Table 61. Infineon Technologies Robotic Sensors Basic Information
- Table 62. Infineon Technologies Robotic Sensors Product Overview
- Table 63. Infineon Technologies Robotic Sensors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 64. Infineon Technologies Business Overview
- Table 65. Infineon Technologies Recent Developments
- Table 66. OMRON Corporation Robotic Sensors Basic Information

- Table 67. OMRON Corporation Robotic Sensors Product Overview
- Table 68. OMRON Corporation Robotic Sensors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 69. OMRON Corporation Business Overview
- Table 70. OMRON Corporation Recent Developments
- Table 71. TE Connectivity Robotic Sensors Basic Information
- Table 72. TE Connectivity Robotic Sensors Product Overview
- Table 73. TE Connectivity Robotic Sensors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 74. TE Connectivity Business Overview
- Table 75. TE Connectivity Recent Developments
- Table 76. Tekscan Robotic Sensors Basic Information
- Table 77. Tekscan Robotic Sensors Product Overview
- Table 78. Tekscan Robotic Sensors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 79. Tekscan Business Overview
- Table 80. Tekscan Recent Developments
- Table 81. Texas Instruments Robotic Sensors Basic Information
- Table 82. Texas Instruments Robotic Sensors Product Overview
- Table 83. Texas Instruments Robotic Sensors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 84. Texas Instruments Business Overview
- Table 85. Texas Instruments Recent Developments
- Table 86. Stmicroelectronics Robotic Sensors Basic Information
- Table 87. Stmicroelectronics Robotic Sensors Product Overview
- Table 88. Stmicroelectronics Robotic Sensors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 89. Stmicroelectronics Business Overview
- Table 90. Stmicroelectronics Recent Developments
- Table 91. NXP Robotic Sensors Basic Information
- Table 92. NXP Robotic Sensors Product Overview
- Table 93. NXP Robotic Sensors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 94. NXP Business Overview
- Table 95. NXP Recent Developments
- Table 96. Robert Bosch Robotic Sensors Basic Information
- Table 97. Robert Bosch Robotic Sensors Product Overview
- Table 98. Robert Bosch Robotic Sensors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 99. Robert Bosch Business Overview

Table 100. Robert Bosch Recent Developments

Table 101. Invensense Robotic Sensors Basic Information

Table 102. Invensense Robotic Sensors Product Overview

Table 103. Invensense Robotic Sensors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 104. Invensense Business Overview

Table 105. Invensense Recent Developments

Table 106. Cognex Robotic Sensors Basic Information

Table 107. Cognex Robotic Sensors Product Overview

Table 108. Cognex Robotic Sensors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 109. Cognex Business Overview

Table 110. Cognex Recent Developments

Table 111. Baluff Robotic Sensors Basic Information

Table 112. Baluff Robotic Sensors Product Overview

Table 113. Baluff Robotic Sensors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 114. Baluff Business Overview

Table 115. Baluff Recent Developments

Table 116. Ifm Electronic Gmbh Robotic Sensors Basic Information

Table 117. Ifm Electronic Gmbh Robotic Sensors Product Overview

Table 118. Ifm Electronic Gmbh Robotic Sensors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 119. Ifm Electronic Gmbh Business Overview

Table 120. Ifm Electronic Gmbh Recent Developments

Table 121. Keyence Robotic Sensors Basic Information

Table 122. Keyence Robotic Sensors Product Overview

Table 123. Keyence Robotic Sensors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 124. Keyence Business Overview

Table 125. Keyence Recent Developments

Table 126. Rockwell Automation Robotic Sensors Basic Information

Table 127. Rockwell Automation Robotic Sensors Product Overview

Table 128. Rockwell Automation Robotic Sensors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 129. Rockwell Automation Business Overview

Table 130. Rockwell Automation Recent Developments

Table 131. Daihen Corporation Robotic Sensors Basic Information

- Table 132. Daihen Corporation Robotic Sensors Product Overview
- Table 133. Daihen Corporation Robotic Sensors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 134. Daihen Corporation Business Overview
- Table 135. Daihen Corporation Recent Developments
- Table 136. ATI Industrial Automation Robotic Sensors Basic Information
- Table 137. ATI Industrial Automation Robotic Sensors Product Overview
- Table 138. ATI Industrial Automation Robotic Sensors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 139. ATI Industrial Automation Business Overview
- Table 140. ATI Industrial Automation Recent Developments
- Table 141. SICK AG Robotic Sensors Basic Information
- Table 142. SICK AG Robotic Sensors Product Overview
- Table 143. SICK AG Robotic Sensors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 144. SICK AG Business Overview
- Table 145. SICK AG Recent Developments
- Table 146. Datalogic Robotic Sensors Basic Information
- Table 147. Datalogic Robotic Sensors Product Overview
- Table 148. Datalogic Robotic Sensors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 149. Datalogic Business Overview
- Table 150. Datalogic Recent Developments
- Table 151. TDK Robotic Sensors Basic Information
- Table 152. TDK Robotic Sensors Product Overview
- Table 153. TDK Robotic Sensors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 154. TDK Business Overview
- Table 155. TDK Recent Developments
- Table 156. Sensopart Robotic Sensors Basic Information
- Table 157. Sensopart Robotic Sensors Product Overview
- Table 158. Sensopart Robotic Sensors Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 159. Sensopart Business Overview
- Table 160. Sensopart Recent Developments
- Table 161. Global Robotic Sensors Sales Forecast by Region (2025-2030) & (K Units)
- Table 162. Global Robotic Sensors Market Size Forecast by Region (2025-2030) & (M USD)
- Table 163. North America Robotic Sensors Sales Forecast by Country (2025-2030) &

(K Units)

Table 164. North America Robotic Sensors Market Size Forecast by Country (2025-2030) & (M USD)

Table 165. Europe Robotic Sensors Sales Forecast by Country (2025-2030) & (K Units)

Table 166. Europe Robotic Sensors Market Size Forecast by Country (2025-2030) & (M USD)

Table 167. Asia Pacific Robotic Sensors Sales Forecast by Region (2025-2030) & (K Units)

Table 168. Asia Pacific Robotic Sensors Market Size Forecast by Region (2025-2030) & (M USD)

Table 169. South America Robotic Sensors Sales Forecast by Country (2025-2030) & (K Units)

Table 170. South America Robotic Sensors Market Size Forecast by Country (2025-2030) & (M USD)

Table 171. Middle East and Africa Robotic Sensors Consumption Forecast by Country (2025-2030) & (Units)

Table 172. Middle East and Africa Robotic Sensors Market Size Forecast by Country (2025-2030) & (M USD)

Table 173. Global Robotic Sensors Sales Forecast by Type (2025-2030) & (K Units)

Table 174. Global Robotic Sensors Market Size Forecast by Type (2025-2030) & (M USD)

Table 175. Global Robotic Sensors Price Forecast by Type (2025-2030) & (USD/Unit)

Table 176. Global Robotic Sensors Sales (K Units) Forecast by Application (2025-2030)

Table 177. Global Robotic Sensors Market Size Forecast by Application (2025-2030) & (M USD)

## List Of Figures

### LIST OF FIGURES

Figure 1. Product Picture of Robotic Sensors

Figure 2. Data Triangulation

Figure 3. Key Caveats

Figure 4. Global Robotic Sensors Market Size (M USD), 2019-2030

Figure 5. Global Robotic Sensors Market Size (M USD) (2019-2030)

Figure 6. Global Robotic Sensors Sales (K Units) & (2019-2030)

Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)

Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 9. Evaluation Matrix of Regional Market Development Potential

Figure 10. Robotic Sensors Market Size by Country (M USD)

Figure 11. Robotic Sensors Sales Share by Manufacturers in 2023

Figure 12. Global Robotic Sensors Revenue Share by Manufacturers in 2023

Figure 13. Robotic Sensors Market Share by Company Type (Tier 1, Tier 2 and Tier 3):  
2023

Figure 14. Global Market Robotic Sensors Average Price (USD/Unit) of Key  
Manufacturers in 2023

Figure 15. The Global 5 and 10 Largest Players: Market Share by Robotic Sensors  
Revenue in 2023

Figure 16. Evaluation Matrix of Segment Market Development Potential (Type)

Figure 17. Global Robotic Sensors Market Share by Type

Figure 18. Sales Market Share of Robotic Sensors by Type (2019-2024)

Figure 19. Sales Market Share of Robotic Sensors by Type in 2023

Figure 20. Market Size Share of Robotic Sensors by Type (2019-2024)

Figure 21. Market Size Market Share of Robotic Sensors by Type in 2023

Figure 22. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 23. Global Robotic Sensors Market Share by Application

Figure 24. Global Robotic Sensors Sales Market Share by Application (2019-2024)

Figure 25. Global Robotic Sensors Sales Market Share by Application in 2023

Figure 26. Global Robotic Sensors Market Share by Application (2019-2024)

Figure 27. Global Robotic Sensors Market Share by Application in 2023

Figure 28. Global Robotic Sensors Sales Growth Rate by Application (2019-2024)

Figure 29. Global Robotic Sensors Sales Market Share by Region (2019-2024)

Figure 30. North America Robotic Sensors Sales and Growth Rate (2019-2024) & (K  
Units)

Figure 31. North America Robotic Sensors Sales Market Share by Country in 2023

- Figure 32. U.S. Robotic Sensors Sales and Growth Rate (2019-2024) & (K Units)
- Figure 33. Canada Robotic Sensors Sales (K Units) and Growth Rate (2019-2024)
- Figure 34. Mexico Robotic Sensors Sales (Units) and Growth Rate (2019-2024)
- Figure 35. Europe Robotic Sensors Sales and Growth Rate (2019-2024) & (K Units)
- Figure 36. Europe Robotic Sensors Sales Market Share by Country in 2023
- Figure 37. Germany Robotic Sensors Sales and Growth Rate (2019-2024) & (K Units)
- Figure 38. France Robotic Sensors Sales and Growth Rate (2019-2024) & (K Units)
- Figure 39. U.K. Robotic Sensors Sales and Growth Rate (2019-2024) & (K Units)
- Figure 40. Italy Robotic Sensors Sales and Growth Rate (2019-2024) & (K Units)
- Figure 41. Russia Robotic Sensors Sales and Growth Rate (2019-2024) & (K Units)
- Figure 42. Asia Pacific Robotic Sensors Sales and Growth Rate (K Units)
- Figure 43. Asia Pacific Robotic Sensors Sales Market Share by Region in 2023
- Figure 44. China Robotic Sensors Sales and Growth Rate (2019-2024) & (K Units)
- Figure 45. Japan Robotic Sensors Sales and Growth Rate (2019-2024) & (K Units)
- Figure 46. South Korea Robotic Sensors Sales and Growth Rate (2019-2024) & (K Units)
- Figure 47. India Robotic Sensors Sales and Growth Rate (2019-2024) & (K Units)
- Figure 48. Southeast Asia Robotic Sensors Sales and Growth Rate (2019-2024) & (K Units)
- Figure 49. South America Robotic Sensors Sales and Growth Rate (K Units)
- Figure 50. South America Robotic Sensors Sales Market Share by Country in 2023
- Figure 51. Brazil Robotic Sensors Sales and Growth Rate (2019-2024) & (K Units)
- Figure 52. Argentina Robotic Sensors Sales and Growth Rate (2019-2024) & (K Units)
- Figure 53. Columbia Robotic Sensors Sales and Growth Rate (2019-2024) & (K Units)
- Figure 54. Middle East and Africa Robotic Sensors Sales and Growth Rate (K Units)
- Figure 55. Middle East and Africa Robotic Sensors Sales Market Share by Region in 2023
- Figure 56. Saudi Arabia Robotic Sensors Sales and Growth Rate (2019-2024) & (K Units)
- Figure 57. UAE Robotic Sensors Sales and Growth Rate (2019-2024) & (K Units)
- Figure 58. Egypt Robotic Sensors Sales and Growth Rate (2019-2024) & (K Units)
- Figure 59. Nigeria Robotic Sensors Sales and Growth Rate (2019-2024) & (K Units)
- Figure 60. South Africa Robotic Sensors Sales and Growth Rate (2019-2024) & (K Units)
- Figure 61. Global Robotic Sensors Sales Forecast by Volume (2019-2030) & (K Units)
- Figure 62. Global Robotic Sensors Market Size Forecast by Value (2019-2030) & (M USD)
- Figure 63. Global Robotic Sensors Sales Market Share Forecast by Type (2025-2030)
- Figure 64. Global Robotic Sensors Market Share Forecast by Type (2025-2030)

Figure 65. Global Robotic Sensors Sales Forecast by Application (2025-2030)

Figure 66. Global Robotic Sensors Market Share Forecast by Application (2025-2030)



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