

Global Robotic Machine Sensor Market Growth 2025-2031

<https://marketpublishers.com/r/G9BAEEBFD7A2EN.html>

Date: November 2025

Pages: 113

Price: US\$ 3,660.00 (Single User License)

ID: G9BAEEBFD7A2EN

Abstracts

The global Robotic Machine Sensor market size is predicted to grow from US\$ 934 million in 2025 to US\$ 1415 million in 2031; it is expected to grow at a CAGR of 7.2% from 2025 to 2031.

The impact of the latest U.S. tariff measures and the corresponding policy responses from countries worldwide on market competitiveness, regional economic performance, and supply chain configurations will be comprehensively evaluated in this report.

Robotic sensors are used to assess the robot's condition and environment. These signals are passed to the controller to implement appropriate behavior. Sensors in robots are based on the function of human sensory organs. Robots require a lot of information about their environment to function effectively.

This report focuses on the field of industrial robot sensors.

There are many driving factors in the robot sensor market, mainly including the following aspects:

1. Technological progress and innovation

Improvement of sensor technology: With the continuous advancement of sensor technology, the accuracy, stability, reliability and response speed of sensors have been significantly improved, making the application of sensors in the field of robots more extensive and in-depth.

Application of new materials: The application of new materials, such as nanomaterials

and smart materials, provides more possibilities for the manufacture of sensors, further promoting the development of sensor technology.

2. Growth of market demand

Demand for industrial automation: With the advancement of Industry 4.0 and the Industrial Internet of Things, the level of industrial automation continues to improve, and the demand for sensors continues to increase. As an important part of industrial automation, robots have a particularly strong demand for sensors.

Popularization of consumer electronics: With the popularization of consumer electronics such as smartphones and wearable devices, the demand for sensors for these products is also increasing, which indirectly promotes the development of the robot sensor market.

The rise of emerging industries: With the rapid development of emerging industries such as smart driving and smart homes, the demand for sensors is also growing rapidly, providing a new growth point for the robot sensor market.

3. Policy support and capital investment

Policy promotion: Governments of various countries have introduced relevant policies to encourage the development of the sensor industry and provide a good policy environment for the robot sensor market.

Capital investment: With the attention of the capital market, more and more funds are pouring into the sensor industry, providing sufficient financial support for the rapid development of the robot sensor market.

4. Expansion of application scenarios

The development of humanoid robots: As an important development direction in the future field of robots, humanoid robots have a particularly prominent demand for sensors. In order to simulate human perception, humanoid robots need to be equipped with a complex sensor system, including internal sensors and external sensors, to provide visual, auditory, tactile, position and other information.

Application of other robots: In addition to humanoid robots, other types of robots such as industrial robots and service robots also have a wide range of application needs for

sensors. These robots need to use sensors to perceive the environment, identify objects, control movement, etc., so as to realize various functions.

5. Improvement of the localization rate of sensors

Progress in domestic sensor technology: In recent years, domestic sensor companies have made significant progress in technology research and development and innovation capabilities, and some products have reached the international advanced level.

Driven by market demand: With the rapid development of the domestic robot market, the demand for sensors is also increasing. This provides domestic sensor companies with broad development space and market opportunities.

In summary, the driving factors of the robot sensor market mainly include technological progress and innovation, market demand growth, policy support and capital investment, expansion of application scenarios and increase in the localization rate of sensors. These factors have jointly promoted the rapid development of the robot sensor market.

LP Information, Inc. (LPI) ' newest research report, the "Robotic Machine Sensor Industry Forecast" looks at past sales and reviews total world Robotic Machine Sensor sales in 2024, providing a comprehensive analysis by region and market sector of projected Robotic Machine Sensor sales for 2025 through 2031. With Robotic Machine Sensor sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Robotic Machine Sensor industry.

This Insight Report provides a comprehensive analysis of the global Robotic Machine Sensor landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Robotic Machine Sensor portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Robotic Machine Sensor market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Robotic Machine Sensor and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Robotic Machine Sensor.

This report presents a comprehensive overview, market shares, and growth opportunities of Robotic Machine Sensor market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Movement Sensor

Vision Sensor

Touch Sensor

Voice Sensor

Others

Segmentation by Application:

Automotive

Machinery

Aerospace

Electronics Automotive

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 analysing the company's coverage, product portfolio, its market penetration.

Cognex

Baluff

Baumer Group

Ifm Electronic Gmbh

Keyence

Rockwell Automation

Daihen Corporation

Infineon Technologies

ATI Industrial Automation

Sick Ag

Honeywell

Datalogic

Texas Instruments

TDK

Sensopart

Key Questions Addressed in this Report

What is the 10-year outlook for the global Robotic Machine Sensor market?

What factors are driving Robotic Machine Sensor market growth, globally and by region?

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

How do Robotic Machine Sensor market opportunities vary by end market size?

How does Robotic Machine Sensor break out by Type, by 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 Robotic Machine Sensor Annual Sales 2020-2031
 - 2.1.2 World Current & Future Analysis for Robotic Machine Sensor by Geographic Region, 2020, 2024 & 2031
 - 2.1.3 World Current & Future Analysis for Robotic Machine Sensor by Country/Region, 2020, 2024 & 2031
- 2.2 Robotic Machine Sensor Segment by Type
 - 2.2.1 Movement Sensor
 - 2.2.2 Vision Sensor
 - 2.2.3 Touch Sensor
 - 2.2.4 Voice Sensor
 - 2.2.5 Others
- 2.3 Robotic Machine Sensor Sales by Type
 - 2.3.1 Global Robotic Machine Sensor Sales Market Share by Type (2020-2025)
 - 2.3.2 Global Robotic Machine Sensor Revenue and Market Share by Type (2020-2025)
 - 2.3.3 Global Robotic Machine Sensor Sale Price by Type (2020-2025)
- 2.4 Robotic Machine Sensor Segment by Application
 - 2.4.1 Automotive
 - 2.4.2 Machinery
 - 2.4.3 Aerospace
 - 2.4.4 Electronics Automotive
 - 2.4.5 Others
- 2.5 Robotic Machine Sensor Sales by Application

- 2.5.1 Global Robotic Machine Sensor Sale Market Share by Application (2020-2025)
- 2.5.2 Global Robotic Machine Sensor Revenue and Market Share by Application (2020-2025)
- 2.5.3 Global Robotic Machine Sensor Sale Price by Application (2020-2025)

3 GLOBAL BY COMPANY

- 3.1 Global Robotic Machine Sensor Breakdown Data by Company
 - 3.1.1 Global Robotic Machine Sensor Annual Sales by Company (2020-2025)
 - 3.1.2 Global Robotic Machine Sensor Sales Market Share by Company (2020-2025)
- 3.2 Global Robotic Machine Sensor Annual Revenue by Company (2020-2025)
 - 3.2.1 Global Robotic Machine Sensor Revenue by Company (2020-2025)
 - 3.2.2 Global Robotic Machine Sensor Revenue Market Share by Company (2020-2025)
- 3.3 Global Robotic Machine Sensor Sale Price by Company
- 3.4 Key Manufacturers Robotic Machine Sensor Producing Area Distribution, Sales Area, Product Type
 - 3.4.1 Key Manufacturers Robotic Machine Sensor Product Location Distribution
 - 3.4.2 Players Robotic Machine Sensor Products Offered
- 3.5 Market Concentration Rate Analysis
 - 3.5.1 Competition Landscape Analysis
 - 3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)
- 3.6 New Products and Potential Entrants
- 3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR ROBOTIC MACHINE SENSOR BY GEOGRAPHIC REGION

- 4.1 World Historic Robotic Machine Sensor Market Size by Geographic Region (2020-2025)
 - 4.1.1 Global Robotic Machine Sensor Annual Sales by Geographic Region (2020-2025)
 - 4.1.2 Global Robotic Machine Sensor Annual Revenue by Geographic Region (2020-2025)
- 4.2 World Historic Robotic Machine Sensor Market Size by Country/Region (2020-2025)
 - 4.2.1 Global Robotic Machine Sensor Annual Sales by Country/Region (2020-2025)
 - 4.2.2 Global Robotic Machine Sensor Annual Revenue by Country/Region (2020-2025)
- 4.3 Americas Robotic Machine Sensor Sales Growth

4.4 APAC Robotic Machine Sensor Sales Growth

4.5 Europe Robotic Machine Sensor Sales Growth

4.6 Middle East & Africa Robotic Machine Sensor Sales Growth

5 AMERICAS

5.1 Americas Robotic Machine Sensor Sales by Country

5.1.1 Americas Robotic Machine Sensor Sales by Country (2020-2025)

5.1.2 Americas Robotic Machine Sensor Revenue by Country (2020-2025)

5.2 Americas Robotic Machine Sensor Sales by Type (2020-2025)

5.3 Americas Robotic Machine Sensor Sales by Application (2020-2025)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Robotic Machine Sensor Sales by Region

6.1.1 APAC Robotic Machine Sensor Sales by Region (2020-2025)

6.1.2 APAC Robotic Machine Sensor Revenue by Region (2020-2025)

6.2 APAC Robotic Machine Sensor Sales by Type (2020-2025)

6.3 APAC Robotic Machine Sensor Sales by Application (2020-2025)

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 Robotic Machine Sensor by Country

7.1.1 Europe Robotic Machine Sensor Sales by Country (2020-2025)

7.1.2 Europe Robotic Machine Sensor Revenue by Country (2020-2025)

7.2 Europe Robotic Machine Sensor Sales by Type (2020-2025)

7.3 Europe Robotic Machine Sensor Sales by Application (2020-2025)

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Robotic Machine Sensor by Country

8.1.1 Middle East & Africa Robotic Machine Sensor Sales by Country (2020-2025)

8.1.2 Middle East & Africa Robotic Machine Sensor Revenue by Country (2020-2025)

8.2 Middle East & Africa Robotic Machine Sensor Sales by Type (2020-2025)

8.3 Middle East & Africa Robotic Machine Sensor Sales by Application (2020-2025)

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 Robotic Machine Sensor

10.3 Manufacturing Process Analysis of Robotic Machine Sensor

10.4 Industry Chain Structure of Robotic Machine Sensor

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Robotic Machine Sensor Distributors

11.3 Robotic Machine Sensor Customer

12 WORLD FORECAST REVIEW FOR ROBOTIC MACHINE SENSOR BY GEOGRAPHIC REGION

12.1 Global Robotic Machine Sensor Market Size Forecast by Region

12.1.1 Global Robotic Machine Sensor Forecast by Region (2026-2031)

12.1.2 Global Robotic Machine Sensor Annual Revenue Forecast by Region (2026-2031)

12.2 Americas Forecast by Country (2026-2031)

12.3 APAC Forecast by Region (2026-2031)

12.4 Europe Forecast by Country (2026-2031)

12.5 Middle East & Africa Forecast by Country (2026-2031)

12.6 Global Robotic Machine Sensor Forecast by Type (2026-2031)

12.7 Global Robotic Machine Sensor Forecast by Application (2026-2031)

13 KEY PLAYERS ANALYSIS

13.1 Cognex

13.1.1 Cognex Company Information

13.1.2 Cognex Robotic Machine Sensor Product Portfolios and Specifications

13.1.3 Cognex Robotic Machine Sensor Sales, Revenue, Price and Gross Margin (2020-2025)

13.1.4 Cognex Main Business Overview

13.1.5 Cognex Latest Developments

13.2 Baluff

13.2.1 Baluff Company Information

13.2.2 Baluff Robotic Machine Sensor Product Portfolios and Specifications

13.2.3 Baluff Robotic Machine Sensor Sales, Revenue, Price and Gross Margin (2020-2025)

13.2.4 Baluff Main Business Overview

13.2.5 Baluff Latest Developments

13.3 Baumer Group

13.3.1 Baumer Group Company Information

13.3.2 Baumer Group Robotic Machine Sensor Product Portfolios and Specifications

13.3.3 Baumer Group Robotic Machine Sensor Sales, Revenue, Price and Gross Margin (2020-2025)

13.3.4 Baumer Group Main Business Overview

13.3.5 Baumer Group Latest Developments

13.4 Ifm Electronic Gmbh

13.4.1 Ifm Electronic Gmbh Company Information

13.4.2 Ifm Electronic Gmbh Robotic Machine Sensor Product Portfolios and Specifications

13.4.3 Ifm Electronic Gmbh Robotic Machine Sensor Sales, Revenue, Price and Gross Margin (2020-2025)

13.4.4 Ifm Electronic Gmbh Main Business Overview

13.4.5 Ifm Electronic Gmbh Latest Developments

13.5 Keyence

13.5.1 Keyence Company Information

13.5.2 Keyence Robotic Machine Sensor Product Portfolios and Specifications

13.5.3 Keyence Robotic Machine Sensor Sales, Revenue, Price and Gross Margin (2020-2025)

13.5.4 Keyence Main Business Overview

13.5.5 Keyence Latest Developments

13.6 Rockwell Automation

13.6.1 Rockwell Automation Company Information

13.6.2 Rockwell Automation Robotic Machine Sensor Product Portfolios and Specifications

13.6.3 Rockwell Automation Robotic Machine Sensor Sales, Revenue, Price and Gross Margin (2020-2025)

13.6.4 Rockwell Automation Main Business Overview

13.6.5 Rockwell Automation Latest Developments

13.7 Daihen Corporation

13.7.1 Daihen Corporation Company Information

13.7.2 Daihen Corporation Robotic Machine Sensor Product Portfolios and Specifications

13.7.3 Daihen Corporation Robotic Machine Sensor Sales, Revenue, Price and Gross Margin (2020-2025)

13.7.4 Daihen Corporation Main Business Overview

13.7.5 Daihen Corporation Latest Developments

13.8 Infineon Technologies

13.8.1 Infineon Technologies Company Information

13.8.2 Infineon Technologies Robotic Machine Sensor Product Portfolios and Specifications

13.8.3 Infineon Technologies Robotic Machine Sensor Sales, Revenue, Price and Gross Margin (2020-2025)

13.8.4 Infineon Technologies Main Business Overview

13.8.5 Infineon Technologies Latest Developments

13.9 ATI Industrial Automation

13.9.1 ATI Industrial Automation Company Information

13.9.2 ATI Industrial Automation Robotic Machine Sensor Product Portfolios and Specifications

13.9.3 ATI Industrial Automation Robotic Machine Sensor Sales, Revenue, Price and Gross Margin (2020-2025)

13.9.4 ATI Industrial Automation Main Business Overview

13.9.5 ATI Industrial Automation Latest Developments

13.10 Sick Ag

13.10.1 Sick Ag Company Information

13.10.2 Sick Ag Robotic Machine Sensor Product Portfolios and Specifications

13.10.3 Sick Ag Robotic Machine Sensor Sales, Revenue, Price and Gross Margin (2020-2025)

13.10.4 Sick Ag Main Business Overview

13.10.5 Sick Ag Latest Developments

13.11 Honeywell

13.11.1 Honeywell Company Information

13.11.2 Honeywell Robotic Machine Sensor Product Portfolios and Specifications

13.11.3 Honeywell Robotic Machine Sensor Sales, Revenue, Price and Gross Margin (2020-2025)

13.11.4 Honeywell Main Business Overview

13.11.5 Honeywell Latest Developments

13.12 Datalogic

13.12.1 Datalogic Company Information

13.12.2 Datalogic Robotic Machine Sensor Product Portfolios and Specifications

13.12.3 Datalogic Robotic Machine Sensor Sales, Revenue, Price and Gross Margin (2020-2025)

13.12.4 Datalogic Main Business Overview

13.12.5 Datalogic Latest Developments

13.13 Texas Instruments

13.13.1 Texas Instruments Company Information

13.13.2 Texas Instruments Robotic Machine Sensor Product Portfolios and Specifications

13.13.3 Texas Instruments Robotic Machine Sensor Sales, Revenue, Price and Gross Margin (2020-2025)

13.13.4 Texas Instruments Main Business Overview

13.13.5 Texas Instruments Latest Developments

13.14 TDK

13.14.1 TDK Company Information

13.14.2 TDK Robotic Machine Sensor Product Portfolios and Specifications

13.14.3 TDK Robotic Machine Sensor Sales, Revenue, Price and Gross Margin

(2020-2025)

13.14.4 TDK Main Business Overview

13.14.5 TDK Latest Developments

13.15 Sensopart

13.15.1 Sensopart Company Information

13.15.2 Sensopart Robotic Machine Sensor Product Portfolios and Specifications

13.15.3 Sensopart Robotic Machine Sensor Sales, Revenue, Price and Gross Margin

(2020-2025)

13.15.4 Sensopart Main Business Overview

13.15.5 Sensopart Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Robotic Machine Sensor Annual Sales CAGR by Geographic Region (2020, 2024 & 2031) & (\$ millions)

Table 2. Robotic Machine Sensor Annual Sales CAGR by Country/Region (2020, 2024 & 2031) & (\$ millions)

Table 3. Major Players of Movement Sensor

Table 4. Major Players of Vision Sensor

Table 5. Major Players of Touch Sensor

Table 6. Major Players of Voice Sensor

Table 7. Major Players of Others

Table 8. Global Robotic Machine Sensor Sales by Type (2020-2025) & (K Units)

Table 9. Global Robotic Machine Sensor Sales Market Share by Type (2020-2025)

Table 10. Global Robotic Machine Sensor Revenue by Type (2020-2025) & (\$ million)

Table 11. Global Robotic Machine Sensor Revenue Market Share by Type (2020-2025)

Table 12. Global Robotic Machine Sensor Sale Price by Type (2020-2025) & (US\$/Unit)

Table 13. Global Robotic Machine Sensor Sale by Application (2020-2025) & (K Units)

Table 14. Global Robotic Machine Sensor Sale Market Share by Application (2020-2025)

Table 15. Global Robotic Machine Sensor Revenue by Application (2020-2025) & (\$ million)

Table 16. Global Robotic Machine Sensor Revenue Market Share by Application (2020-2025)

Table 17. Global Robotic Machine Sensor Sale Price by Application (2020-2025) & (US\$/Unit)

Table 18. Global Robotic Machine Sensor Sales by Company (2020-2025) & (K Units)

Table 19. Global Robotic Machine Sensor Sales Market Share by Company (2020-2025)

Table 20. Global Robotic Machine Sensor Revenue by Company (2020-2025) & (\$ millions)

Table 21. Global Robotic Machine Sensor Revenue Market Share by Company (2020-2025)

Table 22. Global Robotic Machine Sensor Sale Price by Company (2020-2025) & (US\$/Unit)

Table 23. Key Manufacturers Robotic Machine Sensor Producing Area Distribution and Sales Area

Table 24. Players Robotic Machine Sensor Products Offered

Table 25. Robotic Machine Sensor Concentration Ratio (CR3, CR5 and CR10) & (2023-2025)

Table 26. New Products and Potential Entrants

Table 27. Market M&A Activity & Strategy

Table 28. Global Robotic Machine Sensor Sales by Geographic Region (2020-2025) & (K Units)

Table 29. Global Robotic Machine Sensor Sales Market Share Geographic Region (2020-2025)

Table 30. Global Robotic Machine Sensor Revenue by Geographic Region (2020-2025) & (\$ millions)

Table 31. Global Robotic Machine Sensor Revenue Market Share by Geographic Region (2020-2025)

Table 32. Global Robotic Machine Sensor Sales by Country/Region (2020-2025) & (K Units)

Table 33. Global Robotic Machine Sensor Sales Market Share by Country/Region (2020-2025)

Table 34. Global Robotic Machine Sensor Revenue by Country/Region (2020-2025) & (\$ millions)

Table 35. Global Robotic Machine Sensor Revenue Market Share by Country/Region (2020-2025)

Table 36. Americas Robotic Machine Sensor Sales by Country (2020-2025) & (K Units)

Table 37. Americas Robotic Machine Sensor Sales Market Share by Country (2020-2025)

Table 38. Americas Robotic Machine Sensor Revenue by Country (2020-2025) & (\$ millions)

Table 39. Americas Robotic Machine Sensor Sales by Type (2020-2025) & (K Units)

Table 40. Americas Robotic Machine Sensor Sales by Application (2020-2025) & (K Units)

Table 41. APAC Robotic Machine Sensor Sales by Region (2020-2025) & (K Units)

Table 42. APAC Robotic Machine Sensor Sales Market Share by Region (2020-2025)

Table 43. APAC Robotic Machine Sensor Revenue by Region (2020-2025) & (\$ millions)

Table 44. APAC Robotic Machine Sensor Sales by Type (2020-2025) & (K Units)

Table 45. APAC Robotic Machine Sensor Sales by Application (2020-2025) & (K Units)

Table 46. Europe Robotic Machine Sensor Sales by Country (2020-2025) & (K Units)

Table 47. Europe Robotic Machine Sensor Revenue by Country (2020-2025) & (\$ millions)

Table 48. Europe Robotic Machine Sensor Sales by Type (2020-2025) & (K Units)

Table 49. Europe Robotic Machine Sensor Sales by Application (2020-2025) & (K Units)

Table 50. Middle East & Africa Robotic Machine Sensor Sales by Country (2020-2025) & (K Units)

Table 51. Middle East & Africa Robotic Machine Sensor Revenue Market Share by Country (2020-2025)

Table 52. Middle East & Africa Robotic Machine Sensor Sales by Type (2020-2025) & (K Units)

Table 53. Middle East & Africa Robotic Machine Sensor Sales by Application (2020-2025) & (K Units)

Table 54. Key Market Drivers & Growth Opportunities of Robotic Machine Sensor

Table 55. Key Market Challenges & Risks of Robotic Machine Sensor

Table 56. Key Industry Trends of Robotic Machine Sensor

Table 57. Robotic Machine Sensor Raw Material

Table 58. Key Suppliers of Raw Materials

Table 59. Robotic Machine Sensor Distributors List

Table 60. Robotic Machine Sensor Customer List

Table 61. Global Robotic Machine Sensor Sales Forecast by Region (2026-2031) & (K Units)

Table 62. Global Robotic Machine Sensor Revenue Forecast by Region (2026-2031) & (\$ millions)

Table 63. Americas Robotic Machine Sensor Sales Forecast by Country (2026-2031) & (K Units)

Table 64. Americas Robotic Machine Sensor Annual Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 65. APAC Robotic Machine Sensor Sales Forecast by Region (2026-2031) & (K Units)

Table 66. APAC Robotic Machine Sensor Annual Revenue Forecast by Region (2026-2031) & (\$ millions)

Table 67. Europe Robotic Machine Sensor Sales Forecast by Country (2026-2031) & (K Units)

Table 68. Europe Robotic Machine Sensor Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 69. Middle East & Africa Robotic Machine Sensor Sales Forecast by Country (2026-2031) & (K Units)

Table 70. Middle East & Africa Robotic Machine Sensor Revenue Forecast by Country (2026-2031) & (\$ millions)

Table 71. Global Robotic Machine Sensor Sales Forecast by Type (2026-2031) & (K Units)

Table 72. Global Robotic Machine Sensor Revenue Forecast by Type (2026-2031) & (\$ millions)

Table 73. Global Robotic Machine Sensor Sales Forecast by Application (2026-2031) & (K Units)

Table 74. Global Robotic Machine Sensor Revenue Forecast by Application (2026-2031) & (\$ millions)

Table 75. Cognex Basic Information, Robotic Machine Sensor Manufacturing Base, Sales Area and Its Competitors

Table 76. Cognex Robotic Machine Sensor Product Portfolios and Specifications

Table 77. Cognex Robotic Machine Sensor Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 78. Cognex Main Business

Table 79. Cognex Latest Developments

Table 80. Baluff Basic Information, Robotic Machine Sensor Manufacturing Base, Sales Area and Its Competitors

Table 81. Baluff Robotic Machine Sensor Product Portfolios and Specifications

Table 82. Baluff Robotic Machine Sensor Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 83. Baluff Main Business

Table 84. Baluff Latest Developments

Table 85. Baumer Group Basic Information, Robotic Machine Sensor Manufacturing Base, Sales Area and Its Competitors

Table 86. Baumer Group Robotic Machine Sensor Product Portfolios and Specifications

Table 87. Baumer Group Robotic Machine Sensor Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 88. Baumer Group Main Business

Table 89. Baumer Group Latest Developments

Table 90. Ifm Electronic Gmbh Basic Information, Robotic Machine Sensor Manufacturing Base, Sales Area and Its Competitors

Table 91. Ifm Electronic Gmbh Robotic Machine Sensor Product Portfolios and Specifications

Table 92. Ifm Electronic Gmbh Robotic Machine Sensor Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 93. Ifm Electronic Gmbh Main Business

Table 94. Ifm Electronic Gmbh Latest Developments

Table 95. Keyence Basic Information, Robotic Machine Sensor Manufacturing Base, Sales Area and Its Competitors

Table 96. Keyence Robotic Machine Sensor Product Portfolios and Specifications

Table 97. Keyence Robotic Machine Sensor Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 98. Keyence Main Business

Table 99. Keyence Latest Developments

Table 100. Rockwell Automation Basic Information, Robotic Machine Sensor Manufacturing Base, Sales Area and Its Competitors

Table 101. Rockwell Automation Robotic Machine Sensor Product Portfolios and Specifications

Table 102. Rockwell Automation Robotic Machine Sensor Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 103. Rockwell Automation Main Business

Table 104. Rockwell Automation Latest Developments

Table 105. Daihen Corporation Basic Information, Robotic Machine Sensor Manufacturing Base, Sales Area and Its Competitors

Table 106. Daihen Corporation Robotic Machine Sensor Product Portfolios and Specifications

Table 107. Daihen Corporation Robotic Machine Sensor Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 108. Daihen Corporation Main Business

Table 109. Daihen Corporation Latest Developments

Table 110. Infineon Technologies Basic Information, Robotic Machine Sensor Manufacturing Base, Sales Area and Its Competitors

Table 111. Infineon Technologies Robotic Machine Sensor Product Portfolios and Specifications

Table 112. Infineon Technologies Robotic Machine Sensor Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 113. Infineon Technologies Main Business

Table 114. Infineon Technologies Latest Developments

Table 115. ATI Industrial Automation Basic Information, Robotic Machine Sensor Manufacturing Base, Sales Area and Its Competitors

Table 116. ATI Industrial Automation Robotic Machine Sensor Product Portfolios and Specifications

Table 117. ATI Industrial Automation Robotic Machine Sensor Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 118. ATI Industrial Automation Main Business

Table 119. ATI Industrial Automation Latest Developments

Table 120. Sick Ag Basic Information, Robotic Machine Sensor Manufacturing Base, Sales Area and Its Competitors

Table 121. Sick Ag Robotic Machine Sensor Product Portfolios and Specifications

Table 122. Sick Ag Robotic Machine Sensor Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 123. Sick Ag Main Business

Table 124. Sick Ag Latest Developments

Table 125. Honeywell Basic Information, Robotic Machine Sensor Manufacturing Base, Sales Area and Its Competitors

Table 126. Honeywell Robotic Machine Sensor Product Portfolios and Specifications

Table 127. Honeywell Robotic Machine Sensor Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 128. Honeywell Main Business

Table 129. Honeywell Latest Developments

Table 130. Datalogic Basic Information, Robotic Machine Sensor Manufacturing Base, Sales Area and Its Competitors

Table 131. Datalogic Robotic Machine Sensor Product Portfolios and Specifications

Table 132. Datalogic Robotic Machine Sensor Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 133. Datalogic Main Business

Table 134. Datalogic Latest Developments

Table 135. Texas Instruments Basic Information, Robotic Machine Sensor Manufacturing Base, Sales Area and Its Competitors

Table 136. Texas Instruments Robotic Machine Sensor Product Portfolios and Specifications

Table 137. Texas Instruments Robotic Machine Sensor Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 138. Texas Instruments Main Business

Table 139. Texas Instruments Latest Developments

Table 140. TDK Basic Information, Robotic Machine Sensor Manufacturing Base, Sales Area and Its Competitors

Table 141. TDK Robotic Machine Sensor Product Portfolios and Specifications

Table 142. TDK Robotic Machine Sensor Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 143. TDK Main Business

Table 144. TDK Latest Developments

Table 145. Sensopart Basic Information, Robotic Machine Sensor Manufacturing Base, Sales Area and Its Competitors

Table 146. Sensopart Robotic Machine Sensor Product Portfolios and Specifications

Table 147. Sensopart Robotic Machine Sensor Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2020-2025)

Table 148. Sensopart Main Business

Table 149. Sensopart Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Robotic Machine Sensor
- Figure 2. Robotic Machine Sensor Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Robotic Machine Sensor Sales Growth Rate 2020-2031 (K Units)
- Figure 7. Global Robotic Machine Sensor Revenue Growth Rate 2020-2031 (\$ millions)
- Figure 8. Robotic Machine Sensor Sales by Geographic Region (2020, 2024 & 2031) & (\$ millions)
- Figure 9. Robotic Machine Sensor Sales Market Share by Country/Region (2024)
- Figure 10. Robotic Machine Sensor Sales Market Share by Country/Region (2020, 2024 & 2031)
- Figure 11. Product Picture of Movement Sensor
- Figure 12. Product Picture of Vision Sensor
- Figure 13. Product Picture of Touch Sensor
- Figure 14. Product Picture of Voice Sensor
- Figure 15. Product Picture of Others
- Figure 16. Global Robotic Machine Sensor Sales Market Share by Type in 2025
- Figure 17. Global Robotic Machine Sensor Revenue Market Share by Type (2020-2025)
- Figure 18. Robotic Machine Sensor Consumed in Automotive
- Figure 19. Global Robotic Machine Sensor Market: Automotive (2020-2025) & (K Units)
- Figure 20. Robotic Machine Sensor Consumed in Machinery
- Figure 21. Global Robotic Machine Sensor Market: Machinery (2020-2025) & (K Units)
- Figure 22. Robotic Machine Sensor Consumed in Aerospace
- Figure 23. Global Robotic Machine Sensor Market: Aerospace (2020-2025) & (K Units)
- Figure 24. Robotic Machine Sensor Consumed in Electronics Automotive
- Figure 25. Global Robotic Machine Sensor Market: Electronics Automotive (2020-2025) & (K Units)
- Figure 26. Robotic Machine Sensor Consumed in Others
- Figure 27. Global Robotic Machine Sensor Market: Others (2020-2025) & (K Units)
- Figure 28. Global Robotic Machine Sensor Sale Market Share by Application (2024)
- Figure 29. Global Robotic Machine Sensor Revenue Market Share by Application in 2025
- Figure 30. Robotic Machine Sensor Sales by Company in 2025 (K Units)
- Figure 31. Global Robotic Machine Sensor Sales Market Share by Company in 2025

- Figure 32. Robotic Machine Sensor Revenue by Company in 2025 (\$ millions)
- Figure 33. Global Robotic Machine Sensor Revenue Market Share by Company in 2025
- Figure 34. Global Robotic Machine Sensor Sales Market Share by Geographic Region (2020-2025)
- Figure 35. Global Robotic Machine Sensor Revenue Market Share by Geographic Region in 2025
- Figure 36. Americas Robotic Machine Sensor Sales 2020-2025 (K Units)
- Figure 37. Americas Robotic Machine Sensor Revenue 2020-2025 (\$ millions)
- Figure 38. APAC Robotic Machine Sensor Sales 2020-2025 (K Units)
- Figure 39. APAC Robotic Machine Sensor Revenue 2020-2025 (\$ millions)
- Figure 40. Europe Robotic Machine Sensor Sales 2020-2025 (K Units)
- Figure 41. Europe Robotic Machine Sensor Revenue 2020-2025 (\$ millions)
- Figure 42. Middle East & Africa Robotic Machine Sensor Sales 2020-2025 (K Units)
- Figure 43. Middle East & Africa Robotic Machine Sensor Revenue 2020-2025 (\$ millions)
- Figure 44. Americas Robotic Machine Sensor Sales Market Share by Country in 2025
- Figure 45. Americas Robotic Machine Sensor Revenue Market Share by Country (2020-2025)
- Figure 46. Americas Robotic Machine Sensor Sales Market Share by Type (2020-2025)
- Figure 47. Americas Robotic Machine Sensor Sales Market Share by Application (2020-2025)
- Figure 48. United States Robotic Machine Sensor Revenue Growth 2020-2025 (\$ millions)
- Figure 49. Canada Robotic Machine Sensor Revenue Growth 2020-2025 (\$ millions)
- Figure 50. Mexico Robotic Machine Sensor Revenue Growth 2020-2025 (\$ millions)
- Figure 51. Brazil Robotic Machine Sensor Revenue Growth 2020-2025 (\$ millions)
- Figure 52. APAC Robotic Machine Sensor Sales Market Share by Region in 2025
- Figure 53. APAC Robotic Machine Sensor Revenue Market Share by Region (2020-2025)
- Figure 54. APAC Robotic Machine Sensor Sales Market Share by Type (2020-2025)
- Figure 55. APAC Robotic Machine Sensor Sales Market Share by Application (2020-2025)
- Figure 56. China Robotic Machine Sensor Revenue Growth 2020-2025 (\$ millions)
- Figure 57. Japan Robotic Machine Sensor Revenue Growth 2020-2025 (\$ millions)
- Figure 58. South Korea Robotic Machine Sensor Revenue Growth 2020-2025 (\$ millions)
- Figure 59. Southeast Asia Robotic Machine Sensor Revenue Growth 2020-2025 (\$ millions)
- Figure 60. India Robotic Machine Sensor Revenue Growth 2020-2025 (\$ millions)

Figure 61. Australia Robotic Machine Sensor Revenue Growth 2020-2025 (\$ millions)

Figure 62. China Taiwan Robotic Machine Sensor Revenue Growth 2020-2025 (\$ millions)

Figure 63. Europe Robotic Machine Sensor Sales Market Share by Country in 2025

Figure 64. Europe Robotic Machine Sensor Revenue Market Share by Country (2020-2025)

Figure 65. Europe Robotic Machine Sensor Sales Market Share by Type (2020-2025)

Figure 66. Europe Robotic Machine Sensor Sales Market Share by Application (2020-2025)

Figure 67. Germany Robotic Machine Sensor Revenue Growth 2020-2025 (\$ millions)

Figure 68. France Robotic Machine Sensor Revenue Growth 2020-2025 (\$ millions)

Figure 69. UK Robotic Machine Sensor Revenue Growth 2020-2025 (\$ millions)

Figure 70. Italy Robotic Machine Sensor Revenue Growth 2020-2025 (\$ millions)

Figure 71. Russia Robotic Machine Sensor Revenue Growth 2020-2025 (\$ millions)

Figure 72. Middle East & Africa Robotic Machine Sensor Sales Market Share by Country (2020-2025)

Figure 73. Middle East & Africa Robotic Machine Sensor Sales Market Share by Type (2020-2025)

Figure 74. Middle East & Africa Robotic Machine Sensor Sales Market Share by Application (2020-2025)

Figure 75. Egypt Robotic Machine Sensor Revenue Growth 2020-2025 (\$ millions)

Figure 76. South Africa Robotic Machine Sensor Revenue Growth 2020-2025 (\$ millions)

Figure 77. Israel Robotic Machine Sensor Revenue Growth 2020-2025 (\$ millions)

Figure 78. Turkey Robotic Machine Sensor Revenue Growth 2020-2025 (\$ millions)

Figure 79. GCC Countries Robotic Machine Sensor Revenue Growth 2020-2025 (\$ millions)

Figure 80. Manufacturing Cost Structure Analysis of Robotic Machine Sensor in 2025

Figure 81. Manufacturing Process Analysis of Robotic Machine Sensor

Figure 82. Industry Chain Structure of Robotic Machine Sensor

Figure 83. Channels of Distribution

Figure 84. Global Robotic Machine Sensor Sales Market Forecast by Region (2026-2031)

Figure 85. Global Robotic Machine Sensor Revenue Market Share Forecast by Region (2026-2031)

Figure 86. Global Robotic Machine Sensor Sales Market Share Forecast by Type (2026-2031)

Figure 87. Global Robotic Machine Sensor Revenue Market Share Forecast by Type (2026-2031)

Figure 88. Global Robotic Machine Sensor Sales Market Share Forecast by Application (2026-2031)

Figure 89. Global Robotic Machine Sensor Revenue Market Share Forecast by Application (2026-2031)

I would like to order

Product name: Global Robotic Machine Sensor Market Growth 2025-2031

Product link: <https://marketpublishers.com/r/G9BAEEBFD7A2EN.html>

Price: US\$ 3,660.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G9BAEEBFD7A2EN.html>