

# Robotic Sensors Market Report: Trends, Forecast and Competitive Analysis to 2030

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## Abstracts

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### Robotic Sensors Trends and Forecast

The future of the global robotic sensors market looks promising with opportunities in the manufacturing, automotive, process and packaging, and logistic markets. The global robotic sensors market is expected to reach an estimated \$1.5 billion by 2030 with a CAGR of 9.2% from 2024 to 2030. The major drivers for this market are rising demand for industrial robotics, growing adoption of robots in logistics and transportation application, and rising trend of industry 4.0 and digitalization across the globe.

A more than 150-page report is developed to help in your business decisions. Sample figures with some insights are shown below.

### Robotic Sensors by Segment

The study includes a forecast for the global robotic sensors by type, end use, and region

Robotic Sensors Market by Type [Shipment Analysis by Value from 2018 to 2030]:

Force and Torque Sensor

Temperature Sensor

Pressure Sensor

Position Sensor

Proximity Sensor

Vision Sensor

Other

Robotic Sensors Market by End Use Industry [Shipment Analysis by Value from 2018 to 2030]:

Manufacturing

Automotive

Process and Packaging

Logistics

Others

Robotic Sensors Market by Region [Shipment Analysis by Value from 2018 to 2030]:

North America

Europe

Asia Pacific

The Rest of the World

List of Robotic Sensors Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments,

infrastructural development, and leverage integration opportunities across the value chain. With these strategies robotic sensors companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the robotic sensors companies profiled in this report include-

Baumer

Fanuc Corporation

Futek Advanced Sensor Technology

Honeywell International

Ati Industrial Automation

Infineon Technologies

Omron Corporation

Sensata Technologies

TE Connectivity

Tekscan

## Robotic Sensors Market Insights

Lucintel forecasts that force and torque sensor is expected to witness highest growth over the forecast period.

Within this market, manufacturing will remain the largest segment.

APAC is expected to witness highest growth over the forecast period.

## Features of the Global Robotic Sensors Market

Market Size Estimates: Robotic sensors market size estimation in terms of value (\$B).

**Trend and Forecast Analysis:** Market trends (2018 to 2023) and forecast (2024 to 2030) by various segments and regions.

**Segmentation Analysis:** Robotic sensors market size by sensor type, end use industries, and region in terms of value (\$B).

**Regional Analysis:** Robotic sensors market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

**Growth Opportunities:** Analysis of growth opportunities in different types, end use industries, and regions for the robotic sensors market.

**Strategic Analysis:** This includes M&A, new product development, and competitive landscape of the robotic sensors market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

## FAQ

**Q.1** What is the robotic sensors market size?

**Answer:** The global robotic sensors market is expected to reach an estimated \$1.5 billion by 2030.

**Q.2** What is the growth forecast for robotic sensors market?

**Answer:** The global robotic sensors market is expected to grow with a CAGR of 9.2% from 2024 to 2030.

**Q.3** What are the major drivers influencing the growth of the robotic sensors market?

**Answer:** The major drivers for this market are rising demand for industrial robotics, growing adoption of robots in logistics and transportation application, and rising trend of industry 4.0 and digitalization across the globe.

**Q4.** What are the major segments for robotic sensors market?

**Answer:** The future of the robotic sensors market looks promising with opportunities in

the manufacturing, automotive, process and packaging, and logistic markets.

Q5. Who are the key robotic sensors market companies?

Answer: Some of the key robotic sensors companies are as follows:

Baumer

Fanuc Corporation

FUTEK Advanced Sensor Technology

Honeywell International

ATI Industrial Automation

Infineon Technologies

OMRON Corporation

Sensata Technologies

TE Connectivity

Tekscan

Q6. Which robotic sensors market segment will be the largest in future?

Answer: Lucintel forecast that force and torque sensor is expected to witness highest growth over the forecast period due to xxx.

Q7. In robotic sensors market, which region is expected to be the largest in next 5 years?

Answer: APAC is expected to witness highest growth over the forecast period due to xx,xx, and xx.

Q.8 Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% customization without any additional cost.

This report answers following 11 key questions:

Q.1. What are some of the most promising, high-growth opportunities for the robotic sensors market by type (force and torque sensor, temperature sensor, pressure sensor, position sensor, proximity sensor, vision sensor, and other), end use industry (manufacturing, automotive, process and packaging, logistics, and others), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2. Which segments will grow at a faster pace and why?

Q.3. Which region will grow at a faster pace and why?

Q.4. What are the key factors affecting market dynamics? What are the key challenges and business risks in this market?

Q.5. What are the business risks and competitive threats in this market?

Q.6. What are the emerging trends in this market and the reasons behind them?

Q.7. What are some of the changing demands of customers in the market?

Q.8. What are the new developments in the market? Which companies are leading these developments?

Q.9. Who are the major players in this market? What strategic initiatives are key players pursuing for business growth?

Q.10. What are some of the competing products in this market and how big of a threat do they pose for loss of market share by material or product substitution?

Q.11. What M&A activity has occurred in the last 5 years and what has its impact been on the industry?

For any questions related to Robotic Sensors Market, Robotic Sensors Market Size, Robotic Sensors Market Growth, Robotic Sensors Market Analysis, Robotic Sensors Market Report, Robotic Sensors Market Share, Robotic Sensors Market Trends,

Robotic Sensors Market Forecast, Robotic Sensors Companies, write Lucintel analyst at email: [helpdesk@lucintel.com](mailto:helpdesk@lucintel.com). We will be glad to get back to you soon.

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