

# Industrial Sensor Market: Trends, Opportunities and Competitive Analysis [2023-2028]

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## Abstracts

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### Industrial Sensor Market Trends and Forecast

The future of the global industrial sensor market looks promising with opportunities in the oil & gas, pharmaceuticals, chemicals, manufacturing, mining, and energy & power industries. The global industrial sensor market is expected to reach an estimated \$46.0 by 2028 with a CAGR of 9.3% from 2023 to 2028. The major drivers for this market are growing use of micro-electro-mechanical systems (MEMS) based sensor in industrial applications, and rising adoption of sensors in industries to monitor and protect assets.

### Industrial Sensor Market by Sensor, Product, and End Use Industry

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

### Industrial Sensor Market by Segments

### Industrial Sensor Market by Segment

The study includes a forecast for the global industrial sensor market by sensor type, product type, end use industry, and region, as follows:

Industrial Sensor Market by Sensor Type [Value (\$B) Shipment Analysis from 2017 to 2028]:

Pressure Sensors

Position Sensors

Level Sensors

Gas Sensors

Temperature Sensors

Image Sensors

Humidity & Moisture Sensors

Flow Sensors

Force Sensors

Industrial Sensor Market by Product Type [Value (\$B) Shipment Analysis from 2017 to 2028]:

Contact

Non-Contact

Industrial Sensor Market by End Use Industry [Value (\$B) Shipment Analysis from 2017 to 2028]:

Oil & Gas

Pharmaceuticals

Chemicals

Manufacturing

Mining

Energy & Power

Industrial Sensor Market by Region [Value (\$B) Shipment Analysis from 2017 to 2028]:

North America

Europe

Asia Pacific

The Rest of the World

List of Industrial Sensor 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 industrial sensor companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the industrial sensor companies profiled in this report include.

Rockwell Automation

Omron

Honeywell

Texas Instruments

STMicroelectronics

Industrial Sensor Market Insights

Lucintel forecast that image sensor will remain the largest segment over the forecast period due to the growing use of this sensor for biometric techniques and in machine vision application.

Manufacturing is expected to remain the largest segment due to growing trend of industry 4.0 and increasing adoption of automated equipment as well as procedures in

industrial manufacturing.

APAC will remain the largest region due to rapid industrialization, increasing adoption of industry 4.0, and presence of large semiconductor production hub in the region.

## Features of the Industrial Sensor Market

**Market Size Estimates:** Industrial sensor market size estimation in terms of value (\$B)

**Trend And Forecast Analysis:** Market trends (2017-2022) and forecast (2023-2028) by various segments and regions.

**Segmentation Analysis:** Industrial sensor market size by various segments, such as by sensor type, product type, end use industry, and region

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

**Growth Opportunities:** Analysis on growth opportunities in different by sensor type, product type, end use industry, and regions for the industrial sensor market.

**Strategic Analysis:** This includes M&A, new product development, and competitive landscape for the industrial sensor market.

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

## FAQ

Q1. What is the industrial sensor market size?

Answer: The global industrial sensor market is expected to reach an estimated \$46.0 billion by 2028.

Q2. What is the growth forecast for industrial sensor market?

Answer: The global industrial sensor market is expected to grow with a CAGR of 9.3% from 2023 to 2028.

Q3. What are the major drivers influencing the growth of the industrial sensor market?

Answer: The major drivers for this market are growing use of micro-electro-mechanical systems (MEMS) based sensor in industrial applications, and rising adoption of sensors in industries to monitor and protect assets.

Q4. What are the major segments for industrial sensor market?

Answer: The future of the industrial sensor market looks promising with opportunities in the oil & gas, pharmaceuticals, chemicals, manufacturing, mining, and energy & power industries.

Q5. Who are the key industrial sensor companies?

Answer: Some of the key industrial sensor companies are as follows:

Rockwell Automation

Omron

Honeywell

Texas Instruments

STMicroelectronics

Q6. Which industrial sensor segment will be the largest in future?

Answer: Lucintel forecast that image sensor will remain the largest segment over the forecast period due to the growing use of this sensor for biometric techniques and in machine vision application.

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

Answer: APAC will remain the largest region due to rapid industrialization, increasing adoption of industry 4.0, and presence of large semiconductor production hub in the region.

Q8. 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 industrial sensor market by sensor type (pressure sensors, position sensors, level sensors, gas sensors, temperature sensors, image sensors, humidity & moisture sensors, flow sensors, and force sensors), product type (contact and non-contact), end use industry (oil & gas, pharmaceuticals, chemicals, manufacturing, mining, and energy & power), 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 industrial sensor market or related industrial sensor companies, industrial sensor market size, industrial sensor market share, industrial sensor analysis, 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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