

Safety Sensors Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

The global safety sensors market size reached US\$ 1.7 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 2.6 Billion by 2028, exhibiting a growth rate (CAGR) of 6.7% during 2023-2028.

Safety sensors are monitoring devices used in machines and other industrial applications to prevent accidents. They rely on the environment, wavelength of light, and the photodiode principle and changes in electromagnetic signals. They are high-quality, dependable, and cost-effective solutions for safeguarding equipment and preventing personal injuries. They also aid in examining remote and hazardous areas and improving the performance of the machine and reducing its wear and tear. As a result, they find extensive applications in engineering, manufacturing, food processing, medical, and oil, gas and mining.

Safety Sensors Market Trends:

The growing awareness for the safety of workers in the manufacturing industry represents one of the key factors driving the market. Moreover, there is a rise in concerns about the protection of high-cost equipment in organizations. This, along with stringent regulations imposed by governments of several countries for safety at the workplace, is bolstering the growth of the market. In addition, there is an increase in the demand for diagnostic light-emitting diodes (LEDs) on the sensors to identify errors, misalignment, and door open and closed signaling. This, coupled with the rising utilization of advanced systems with radio frequency identification (RFID) for accurate and advanced safety features, is catalyzing the demand for safety sensors worldwide. Besides this, the integration of mechanical systems with automated processes to provide effortless monitoring, waste reduction, and increase the speed of production is positively influencing the market. Additionally, the growing production of autonomous

vehicles for a safer driving experience is offering lucrative growth opportunities to industry investors. Furthermore, key market players are focusing on geographical expansions and product launches and approvals, which are projected to propel their overall sales and profitability.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global safety sensors market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on type, sensor type and end user.

Breakup by Type:

- Safety Light Curtain
- Safety Laser Scanner
- Safety Mat
- Safety Edge
- Others

Breakup by Sensor Type:

- Accelerometers
- Biosensors
- Image Sensors
- Motion Detectors
- Others

Breakup by End User:

- Pharmaceutical
- Food and Beverage
- Automotive
- Others

Breakup by Region:

- North America
- United States
- Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being ABB Ltd, Autonics Corporation, Balluff GmbH, Banner Engineering Corporation, Contrinex AG, Keyence Corporation, Leuze electronic GmbH + Co. KG, Omron Corporation, Panasonic Corporation, Pilz GmbH & Co. KG, Rockwell Automation Inc. and Schneider Electric SE.

Key Questions Answered in This Report

1. What was the size of the global safety sensors market in 2022?
2. What is the expected growth rate of the global safety sensors market during 2023-2028?
3. What has been the impact of COVID-19 on the global safety sensors market?
4. What are the key factors driving the global safety sensors market?
5. What is the breakup of the global safety sensors market based on the type?
6. What is the breakup of the global safety sensors market based on the end user?
7. What are the key regions in the global safety sensors market?

8. Who are the key players/companies in the global safety sensors market?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL SAFETY SENSORS MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

6 MARKET BREAKUP BY TYPE

- 6.1 Safety Light Curtain
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 Safety Laser Scanner
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast
- 6.3 Safety Mat

- 6.3.1 Market Trends
- 6.3.2 Market Forecast
- 6.4 Safety Edge
 - 6.4.1 Market Trends
 - 6.4.2 Market Forecast
- 6.5 Others
 - 6.5.1 Market Trends
 - 6.5.2 Market Forecast

7 MARKET BREAKUP BY SENSOR TYPE

- 7.1 Accelerometers
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
- 7.2 Biosensors
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast
- 7.3 Image Sensors
 - 7.3.1 Market Trends
 - 7.3.2 Market Forecast
- 7.4 Motion Detectors
 - 7.4.1 Market Trends
 - 7.4.2 Market Forecast
- 7.5 Others
 - 7.5.1 Market Trends
 - 7.5.2 Market Forecast

8 MARKET BREAKUP BY END USER

- 8.1 Pharmaceutical
 - 8.1.1 Market Trends
 - 8.1.2 Market Forecast
- 8.2 Food and Beverage
 - 8.2.1 Market Trends
 - 8.2.2 Market Forecast
- 8.3 Automotive
 - 8.3.1 Market Trends
 - 8.3.2 Market Forecast
- 8.4 Others

8.4.1 Market Trends

8.4.2 Market Forecast

9 MARKET BREAKUP BY REGION

9.1 North America

9.1.1 United States

9.1.1.1 Market Trends

9.1.1.2 Market Forecast

9.1.2 Canada

9.1.2.1 Market Trends

9.1.2.2 Market Forecast

9.2 Asia-Pacific

9.2.1 China

9.2.1.1 Market Trends

9.2.1.2 Market Forecast

9.2.2 Japan

9.2.2.1 Market Trends

9.2.2.2 Market Forecast

9.2.3 India

9.2.3.1 Market Trends

9.2.3.2 Market Forecast

9.2.4 South Korea

9.2.4.1 Market Trends

9.2.4.2 Market Forecast

9.2.5 Australia

9.2.5.1 Market Trends

9.2.5.2 Market Forecast

9.2.6 Indonesia

9.2.6.1 Market Trends

9.2.6.2 Market Forecast

9.2.7 Others

9.2.7.1 Market Trends

9.2.7.2 Market Forecast

9.3 Europe

9.3.1 Germany

9.3.1.1 Market Trends

9.3.1.2 Market Forecast

9.3.2 France

- 9.3.2.1 Market Trends
- 9.3.2.2 Market Forecast
- 9.3.3 United Kingdom
 - 9.3.3.1 Market Trends
 - 9.3.3.2 Market Forecast
- 9.3.4 Italy
 - 9.3.4.1 Market Trends
 - 9.3.4.2 Market Forecast
- 9.3.5 Spain
 - 9.3.5.1 Market Trends
 - 9.3.5.2 Market Forecast
- 9.3.6 Russia
 - 9.3.6.1 Market Trends
 - 9.3.6.2 Market Forecast
- 9.3.7 Others
 - 9.3.7.1 Market Trends
 - 9.3.7.2 Market Forecast
- 9.4 Latin America
 - 9.4.1 Brazil
 - 9.4.1.1 Market Trends
 - 9.4.1.2 Market Forecast
 - 9.4.2 Mexico
 - 9.4.2.1 Market Trends
 - 9.4.2.2 Market Forecast
 - 9.4.3 Others
 - 9.4.3.1 Market Trends
 - 9.4.3.2 Market Forecast
- 9.5 Middle East and Africa
 - 9.5.1 Market Trends
 - 9.5.2 Market Breakup by Country
 - 9.5.3 Market Forecast

10 SWOT ANALYSIS

- 10.1 Overview
- 10.2 Strengths
- 10.3 Weaknesses
- 10.4 Opportunities
- 10.5 Threats

11 VALUE CHAIN ANALYSIS

12 PORTERS FIVE FORCES ANALYSIS

- 12.1 Overview
- 12.2 Bargaining Power of Buyers
- 12.3 Bargaining Power of Suppliers
- 12.4 Degree of Competition
- 12.5 Threat of New Entrants
- 12.6 Threat of Substitutes

13 PRICE ANALYSIS

14 COMPETITIVE LANDSCAPE

- 14.1 Market Structure
- 14.2 Key Players
- 14.3 Profiles of Key Players
 - 14.3.1 ABB Ltd
 - 14.3.1.1 Company Overview
 - 14.3.1.2 Product Portfolio
 - 14.3.1.3 Financials
 - 14.3.1.4 SWOT Analysis
 - 14.3.2 Autonics Corporation
 - 14.3.2.1 Company Overview
 - 14.3.2.2 Product Portfolio
 - 14.3.3 Balluff GmbH
 - 14.3.3.1 Company Overview
 - 14.3.3.2 Product Portfolio
 - 14.3.4 Banner Engineering Corporation
 - 14.3.4.1 Company Overview
 - 14.3.4.2 Product Portfolio
 - 14.3.5 Contrinex AG
 - 14.3.5.1 Company Overview
 - 14.3.5.2 Product Portfolio
 - 14.3.6 Keyence Corporation
 - 14.3.6.1 Company Overview
 - 14.3.6.2 Product Portfolio

- 14.3.6.3 Financials
- 14.3.7 Leuze electronic GmbH + Co. KG
 - 14.3.7.1 Company Overview
 - 14.3.7.2 Product Portfolio
- 14.3.8 Omron Corporation
 - 14.3.8.1 Company Overview
 - 14.3.8.2 Product Portfolio
 - 14.3.8.3 Financials
 - 14.3.8.4 SWOT Analysis
- 14.3.9 Panasonic Corporation
 - 14.3.9.1 Company Overview
 - 14.3.9.2 Product Portfolio
 - 14.3.9.3 Financials
 - 14.3.9.4 SWOT Analysis
- 14.3.10 Pilz GmbH & Co. KG
 - 14.3.10.1 Company Overview
 - 14.3.10.2 Product Portfolio
- 14.3.11 Rockwell Automation Inc.
 - 14.3.11.1 Company Overview
 - 14.3.11.2 Product Portfolio
 - 14.3.11.3 Financials
 - 14.3.11.4 SWOT Analysis
- 14.3.12 Schneider Electric SE
 - 14.3.12.1 Company Overview
 - 14.3.12.2 Product Portfolio
 - 14.3.12.3 Financials
 - 14.3.12.4 SWOT Analysis

List Of Tables

LIST OF TABLES

Table 1: Global: Safety Sensors Market: Key Industry Highlights, 2022 and 2028

Table 2: Global: Safety Sensors Market Forecast: Breakup by Type (in Million US\$), 2023-2028

Table 3: Global: Safety Sensors Market Forecast: Breakup by Sensor Type (in Million US\$), 2023-2028

Table 4: Global: Safety Sensors Market Forecast: Breakup by End User (in Million US\$), 2023-2028

Table 5: Global: Safety Sensors Market Forecast: Breakup by Region (in Million US\$), 2023-2028

Table 6: Global: Safety Sensors Market: Competitive Structure

Table 7: Global: Safety Sensors Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Safety Sensors Market: Major Drivers and Challenges

Figure 2: Global: Safety Sensors Market: Sales Value (in Billion US\$), 2017-2022

Figure 3: Global: Safety Sensors Market Forecast: Sales Value (in Billion US\$), 2023-2028

Figure 4: Global: Safety Sensors Market: Breakup by Type (in %), 2022

Figure 5: Global: Safety Sensors Market: Breakup by Sensor Type (in %), 2022

Figure 6: Global: Safety Sensors Market: Breakup by End User (in %), 2022

Figure 7: Global: Safety Sensors Market: Breakup by Region (in %), 2022

Figure 8: Global: Safety Sensors (Safety Light Curtain) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 9: Global: Safety Sensors (Safety Light Curtain) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 10: Global: Safety Sensors (Safety Laser Scanner) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 11: Global: Safety Sensors (Safety Laser Scanner) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 12: Global: Safety Sensors (Safety Mat) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 13: Global: Safety Sensors (Safety Mat) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 14: Global: Safety Sensors (Safety Edge) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 15: Global: Safety Sensors (Safety Edge) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 16: Global: Safety Sensors (Other Types) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 17: Global: Safety Sensors (Other Types) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 18: Global: Safety Sensors (Accelerometers) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 19: Global: Safety Sensors (Accelerometers) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 20: Global: Safety Sensors (Biosensors) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 21: Global: Safety Sensors (Biosensors) Market Forecast: Sales Value (in Million US\$), 2023-2028

US\$), 2023-2028

Figure 22: Global: Safety Sensors (Image Sensors) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 23: Global: Safety Sensors (Image Sensors) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 24: Global: Safety Sensors (Motion Detectors) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 25: Global: Safety Sensors (Motion Detectors) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 26: Global: Safety Sensors (Other Sensor Types) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 27: Global: Safety Sensors (Other Sensor Types) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 28: Global: Safety Sensors (Pharmaceutical) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 29: Global: Safety Sensors (Pharmaceutical) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 30: Global: Safety Sensors (Food and Beverage) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 31: Global: Safety Sensors (Food and Beverage) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 32: Global: Safety Sensors (Automotive) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 33: Global: Safety Sensors (Automotive) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 34: Global: Safety Sensors (Other End Users) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 35: Global: Safety Sensors (Other End Users) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 36: North America: Safety Sensors Market: Sales Value (in Million US\$), 2017 & 2022

Figure 37: North America: Safety Sensors Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 38: United States: Safety Sensors Market: Sales Value (in Million US\$), 2017 & 2022

Figure 39: United States: Safety Sensors Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 40: Canada: Safety Sensors Market: Sales Value (in Million US\$), 2017 & 2022

Figure 41: Canada: Safety Sensors Market Forecast: Sales Value (in Million US\$),

2023-2028

Figure 42: Asia-Pacific: Safety Sensors Market: Sales Value (in Million US\$), 2017 & 2022

Figure 43: Asia-Pacific: Safety Sensors Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 44: China: Safety Sensors Market: Sales Value (in Million US\$), 2017 & 2022

Figure 45: China: Safety Sensors Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 46: Japan: Safety Sensors Market: Sales Value (in Million US\$), 2017 & 2022

Figure 47: Japan: Safety Sensors Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 48: India: Safety Sensors Market: Sales Value (in Million US\$), 2017 & 2022

Figure 49: India: Safety Sensors Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 50: South Korea: Safety Sensors Market: Sales Value (in Million US\$), 2017 & 2022

Figure 51: South Korea: Safety Sensors Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 52: Australia: Safety Sensors Market: Sales Value (in Million US\$), 2017 & 2022

Figure 53: Australia: Safety Sensors Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 54: Indonesia: Safety Sensors Market: Sales Value (in Million US\$), 2017 & 2022

Figure 55: Indonesia: Safety Sensors Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 56: Others: Safety Sensors Market: Sales Value (in Million US\$), 2017 & 2022

Figure 57: Others: Safety Sensors Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 58: Europe: Safety Sensors Market: Sales Value (in Million US\$), 2017 & 2022

Figure 59: Europe: Safety Sensors Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 60: Germany: Safety Sensors Market: Sales Value (in Million US\$), 2017 & 2022

Figure 61: Germany: Safety Sensors Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 62: France: Safety Sensors Market: Sales Value (in Million US\$), 2017 & 2022

Figure 63: France: Safety Sensors Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 64: United Kingdom: Safety Sensors Market: Sales Value (in Million US\$), 2017 & 2022

Figure 65: United Kingdom: Safety Sensors Market Forecast: Sales Value (in Million

US\$), 2023-2028

Figure 66: Italy: Safety Sensors Market: Sales Value (in Million US\$), 2017 & 2022

Figure 67: Italy: Safety Sensors Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 68: Spain: Safety Sensors Market: Sales Value (in Million US\$), 2017 & 2022

Figure 69: Spain: Safety Sensors Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 70: Russia: Safety Sensors Market: Sales Value (in Million US\$), 2017 & 2022

Figure 71: Russia: Safety Sensors Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 72: Others: Safety Sensors Market: Sales Value (in Million US\$), 2017 & 2022

Figure 73: Others: Safety Sensors Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 74: Latin America: Safety Sensors Market: Sales Value (in Million US\$), 2017 & 2022

Figure 75: Latin America: Safety Sensors Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 76: Brazil: Safety Sensors Market: Sales Value (in Million US\$), 2017 & 2022

Figure 77: Brazil: Safety Sensors Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 78: Mexico: Safety Sensors Market: Sales Value (in Million US\$), 2017 & 2022

Figure 79: Mexico: Safety Sensors Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 80: Others: Safety Sensors Market: Sales Value (in Million US\$), 2017 & 2022

Figure 81: Others: Safety Sensors Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 82: Middle East and Africa: Safety Sensors Market: Sales Value (in Million US\$), 2017 & 2022

Figure 83: Middle East and Africa: Safety Sensors Market: Breakup by Country (in %), 2022

Figure 84: Middle East and Africa: Safety Sensors Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 85: Global: Safety Sensors Industry: SWOT Analysis

Figure 86: Global: Safety Sensors Industry: Value Chain Analysis

Figure 87: Global: Safety Sensors Industry: Porter's Five Forces Analysis

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