

Machine Safety Market By Component (Safety Sensors, Safety Interlock Switches, Safety Controller, Others), By Implementation (Individual, Embedded), By Industry Vertical (Oil and Gas, Healthcare, Automotive, Metals and Mining, Others): Global Opportunity Analysis and Industry Forecast, 2023-2032

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Report description:

The machine safety market was valued at \$5,487.0 million in 2022, and is projected to reach \$10,281.0 million by 2032, registering a CAGR of 6.5% from 2023 to 2032.[]

A machine safety system is a set of tools and protocols designed to ensure safe and optimal operation of machinery and equipment. These products are specifically designed to monitor, control, and assess the condition and performance of machines to facilitate their proper functioning. The machine safety market offers a wide range of products, such as laser safety scanners, light safety curtains, locking devices, emergency stop devices, and safety valves.[]

Over the coming years, the machine safety market is expected to experience substantial growth due to rise in number of accidents in industrial and manufacturing sectors. As workplace safety becomes a top priority, the demand for safety products that can prevent accidents is increasing. Thus, increase in significance of these products in preventing industrial accidents is driving the growth of the machine safety market.[]

However, a significant challenge in the machine safety market is lack of consistent regulatory compliance, which makes it difficult to ensure a uniform implementation of safety practices across various industries and companies. This can be particularly problematic for businesses operating in multiple countries within the region, as they need to comply with different safety standards.[]

Furthermore, focus on energy efficiency and sustainability in the region has led to the development of advanced technologies in the field of machine safety. This is anticipated to provide remunerative opportunities for market players to offer eco-friendly and sustainable safety solutions that align with the region's sustainability goals.[]

For the purpose of analysis, the machine safety market scope covers segmentation based on component, implementation,

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industry vertical, and region. The report provides information on varied components required for machine safety, including safety sensors, safety interlock switches, safety controllers, and others. By implementation, the market is bifurcated into individual and embedded. Various industry verticals covered in the study include oil & gas, healthcare, automotive, metals & mining, and others. Region wise, the market is analyzed across North America (U.S., Canada, and Mexico), Europe (UK, Germany, France, and rest of Europe), Asia-Pacific (China, Japan, India, South Korea, and rest of Asia-Pacific), and LAMEA (Latin America, Middle East, and Africa).

Leading companies in the machine safety industry include ABB Ltd., Emerson Electric Co., Honeywell International Inc., KEYENCE CORPORATION, Mitsubishi Electric Corporation, OMRON Corporation, Rockwell Automation Inc., Schneider Electric SE, SICK AG, Siemens AG, and B&R Automation. These companies are major players in the machine safety market, and they compete based on factors such as product quality, innovation, pricing, and distribution.

Key Benefits For Stakeholders

- This report provides a quantitative analysis of the market segments, current trends, estimations, and dynamics of the machine safety market analysis from 2022 to 2032 to identify the prevailing machine safety market opportunities.
- The market research is offered along with information related to key drivers, restraints, and opportunities.
- Porter's five forces analysis highlights the potency of buyers and suppliers to enable stakeholders make profit-oriented business decisions and strengthen their supplier-buyer network.
- In-depth analysis of the machine safety market segmentation assists to determine the prevailing market opportunities.
- Major countries in each region are mapped according to their revenue contribution to the global market.
- Market player positioning facilitates benchmarking and provides a clear understanding of the present position of the market players.
- The report includes the analysis of the regional as well as global machine safety market trends, key players, market segments, application areas, and market growth strategies.

Key Market Segments

By Component

- Safety Sensors
- Safety Interlock Switches
- Safety Controller
- Others

By Implementation

- Individual
- Embedded

By Industry Vertical

- Oil and Gas
- Healthcare
- Automotive
- Metals and Mining
- Others

By Region

- North America
 - U.S.
 - Canada
 - Mexico
- Europe
 - UK
 - Germany
 - France
 - Rest of Europe

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- Asia-Pacific
- China
- Japan
- India
- South Korea
- Rest of Asia-Pacific
- LAMEA
- Latin America
- Middle East
- Africa
- Key Market Players
- ABB Ltd.
- B&R Automation
- Emerson Electric Co.
- Honeywell International, Inc.
- KEYENCE CORPORATION
- Mitsubishi Electric Corporation
- OMRON Corporation
- Rockwell Automation
- Schneider Electric SE
- SICK AG
- Siemens AG

Table of Contents:

CHAPTER 1: INTRODUCTION

- 1.1. Report description
- 1.2. Key market segments
- 1.3. Key benefits to the stakeholders
- 1.4. Research Methodology
 - 1.4.1. Primary research
 - 1.4.2. Secondary research
 - 1.4.3. Analyst tools and models

CHAPTER 2: EXECUTIVE SUMMARY

- 2.1. CXO Perspective

CHAPTER 3: MARKET OVERVIEW

- 3.1. Market definition and scope
- 3.2. Key findings
 - 3.2.1. Top impacting factors
 - 3.2.2. Top investment pockets
- 3.3. Porter's five forces analysis
 - 3.3.1. Moderate bargaining power of suppliers
 - 3.3.2. Moderate to high threat of new entrants
 - 3.3.3. Moderate to high threat of substitutes
 - 3.3.4. High intensity of rivalry
 - 3.3.5. Moderate bargaining power of buyers
- 3.4. Market dynamics
 - 3.4.1. Drivers

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- 3.4.1.1. Digitalization and automation in industrial processes.
- 3.4.1.2. Implementation of stringent machinery safety standards and regulations.
- 3.4.2. Restraints
 - 3.4.2.1. High cost of implementing safety measures in the manufacturing industry.
- 3.4.3. Opportunities
 - 3.4.3.1. Increase in adoption of hazardous machinery and equipment in various industries.

3.5. COVID-19 Impact Analysis on the market

CHAPTER 4: MACHINE SAFETY MARKET, BY COMPONENT

- 4.1. Overview
 - 4.1.1. Market size and forecast
- 4.2. Safety Sensors
 - 4.2.1. Key market trends, growth factors and opportunities
 - 4.2.2. Market size and forecast, by region
 - 4.2.3. Market share analysis by country
- 4.3. Safety Interlock Switches
 - 4.3.1. Key market trends, growth factors and opportunities
 - 4.3.2. Market size and forecast, by region
 - 4.3.3. Market share analysis by country
- 4.4. Safety Controller
 - 4.4.1. Key market trends, growth factors and opportunities
 - 4.4.2. Market size and forecast, by region
 - 4.4.3. Market share analysis by country
- 4.5. Others
 - 4.5.1. Key market trends, growth factors and opportunities
 - 4.5.2. Market size and forecast, by region
 - 4.5.3. Market share analysis by country

CHAPTER 5: MACHINE SAFETY MARKET, BY IMPLEMENTATION

- 5.1. Overview
 - 5.1.1. Market size and forecast
- 5.2. Individual
 - 5.2.1. Key market trends, growth factors and opportunities
 - 5.2.2. Market size and forecast, by region
 - 5.2.3. Market share analysis by country
- 5.3. Embedded
 - 5.3.1. Key market trends, growth factors and opportunities
 - 5.3.2. Market size and forecast, by region
 - 5.3.3. Market share analysis by country

CHAPTER 6: MACHINE SAFETY MARKET, BY INDUSTRY VERTICAL

- 6.1. Overview
 - 6.1.1. Market size and forecast
- 6.2. Oil and Gas
 - 6.2.1. Key market trends, growth factors and opportunities
 - 6.2.2. Market size and forecast, by region
 - 6.2.3. Market share analysis by country

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- 6.3. Healthcare
 - 6.3.1. Key market trends, growth factors and opportunities
 - 6.3.2. Market size and forecast, by region
 - 6.3.3. Market share analysis by country
 - 6.4. Automotive
 - 6.4.1. Key market trends, growth factors and opportunities
 - 6.4.2. Market size and forecast, by region
 - 6.4.3. Market share analysis by country
 - 6.5. Metals and Mining
 - 6.5.1. Key market trends, growth factors and opportunities
 - 6.5.2. Market size and forecast, by region
 - 6.5.3. Market share analysis by country
 - 6.6. Others
 - 6.6.1. Key market trends, growth factors and opportunities
 - 6.6.2. Market size and forecast, by region
 - 6.6.3. Market share analysis by country
- CHAPTER 7: MACHINE SAFETY MARKET, BY REGION
- 7.1. Overview
 - 7.1.1. Market size and forecast By Region
 - 7.2. North America
 - 7.2.1. Key trends and opportunities
 - 7.2.2. Market size and forecast, by Component
 - 7.2.3. Market size and forecast, by Implementation
 - 7.2.4. Market size and forecast, by Industry Vertical
 - 7.2.5. Market size and forecast, by country
 - 7.2.5.1. U.S.
 - 7.2.5.1.1. Key market trends, growth factors and opportunities
 - 7.2.5.1.2. Market size and forecast, by Component
 - 7.2.5.1.3. Market size and forecast, by Implementation
 - 7.2.5.1.4. Market size and forecast, by Industry Vertical
 - 7.2.5.2. Canada
 - 7.2.5.2.1. Key market trends, growth factors and opportunities
 - 7.2.5.2.2. Market size and forecast, by Component
 - 7.2.5.2.3. Market size and forecast, by Implementation
 - 7.2.5.2.4. Market size and forecast, by Industry Vertical
 - 7.2.5.3. Mexico
 - 7.2.5.3.1. Key market trends, growth factors and opportunities
 - 7.2.5.3.2. Market size and forecast, by Component
 - 7.2.5.3.3. Market size and forecast, by Implementation
 - 7.2.5.3.4. Market size and forecast, by Industry Vertical
 - 7.3. Europe
 - 7.3.1. Key trends and opportunities
 - 7.3.2. Market size and forecast, by Component
 - 7.3.3. Market size and forecast, by Implementation
 - 7.3.4. Market size and forecast, by Industry Vertical
 - 7.3.5. Market size and forecast, by country
 - 7.3.5.1. UK

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- 7.3.5.1.1. Key market trends, growth factors and opportunities
- 7.3.5.1.2. Market size and forecast, by Component
- 7.3.5.1.3. Market size and forecast, by Implementation
- 7.3.5.1.4. Market size and forecast, by Industry Vertical
- 7.3.5.2. Germany
 - 7.3.5.2.1. Key market trends, growth factors and opportunities
 - 7.3.5.2.2. Market size and forecast, by Component
 - 7.3.5.2.3. Market size and forecast, by Implementation
 - 7.3.5.2.4. Market size and forecast, by Industry Vertical
- 7.3.5.3. France
 - 7.3.5.3.1. Key market trends, growth factors and opportunities
 - 7.3.5.3.2. Market size and forecast, by Component
 - 7.3.5.3.3. Market size and forecast, by Implementation
 - 7.3.5.3.4. Market size and forecast, by Industry Vertical
- 7.3.5.4. Rest of Europe
 - 7.3.5.4.1. Key market trends, growth factors and opportunities
 - 7.3.5.4.2. Market size and forecast, by Component
 - 7.3.5.4.3. Market size and forecast, by Implementation
 - 7.3.5.4.4. Market size and forecast, by Industry Vertical
- 7.4. Asia-Pacific
 - 7.4.1. Key trends and opportunities
 - 7.4.2. Market size and forecast, by Component
 - 7.4.3. Market size and forecast, by Implementation
 - 7.4.4. Market size and forecast, by Industry Vertical
 - 7.4.5. Market size and forecast, by country
 - 7.4.5.1. China
 - 7.4.5.1.1. Key market trends, growth factors and opportunities
 - 7.4.5.1.2. Market size and forecast, by Component
 - 7.4.5.1.3. Market size and forecast, by Implementation
 - 7.4.5.1.4. Market size and forecast, by Industry Vertical
 - 7.4.5.2. Japan
 - 7.4.5.2.1. Key market trends, growth factors and opportunities
 - 7.4.5.2.2. Market size and forecast, by Component
 - 7.4.5.2.3. Market size and forecast, by Implementation
 - 7.4.5.2.4. Market size and forecast, by Industry Vertical
 - 7.4.5.3. India
 - 7.4.5.3.1. Key market trends, growth factors and opportunities
 - 7.4.5.3.2. Market size and forecast, by Component
 - 7.4.5.3.3. Market size and forecast, by Implementation
 - 7.4.5.3.4. Market size and forecast, by Industry Vertical
 - 7.4.5.4. South Korea
 - 7.4.5.4.1. Key market trends, growth factors and opportunities
 - 7.4.5.4.2. Market size and forecast, by Component
 - 7.4.5.4.3. Market size and forecast, by Implementation
 - 7.4.5.4.4. Market size and forecast, by Industry Vertical
 - 7.4.5.5. Rest of Asia-Pacific
 - 7.4.5.5.1. Key market trends, growth factors and opportunities

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- 7.4.5.5.2. Market size and forecast, by Component
- 7.4.5.5.3. Market size and forecast, by Implementation
- 7.4.5.5.4. Market size and forecast, by Industry Vertical
- 7.5. LAMEA
 - 7.5.1. Key trends and opportunities
 - 7.5.2. Market size and forecast, by Component
 - 7.5.3. Market size and forecast, by Implementation
 - 7.5.4. Market size and forecast, by Industry Vertical
 - 7.5.5. Market size and forecast, by country
 - 7.5.5.1. Latin America
 - 7.5.5.1.1. Key market trends, growth factors and opportunities
 - 7.5.5.1.2. Market size and forecast, by Component
 - 7.5.5.1.3. Market size and forecast, by Implementation
 - 7.5.5.1.4. Market size and forecast, by Industry Vertical
 - 7.5.5.2. Middle East
 - 7.5.5.2.1. Key market trends, growth factors and opportunities
 - 7.5.5.2.2. Market size and forecast, by Component
 - 7.5.5.2.3. Market size and forecast, by Implementation
 - 7.5.5.2.4. Market size and forecast, by Industry Vertical
 - 7.5.5.3. Africa
 - 7.5.5.3.1. Key market trends, growth factors and opportunities
 - 7.5.5.3.2. Market size and forecast, by Component
 - 7.5.5.3.3. Market size and forecast, by Implementation
 - 7.5.5.3.4. Market size and forecast, by Industry Vertical

CHAPTER 8: COMPETITIVE LANDSCAPE

- 8.1. Introduction
- 8.2. Top winning strategies
- 8.3. Product Mapping of Top 10 Player
- 8.4. Competitive Dashboard
- 8.5. Competitive Heatmap
- 8.6. Top player positioning, 2022

CHAPTER 9: COMPANY PROFILES

- 9.1. Rockwell Automation
 - 9.1.1. Company overview
 - 9.1.2. Key Executives
 - 9.1.3. Company snapshot
 - 9.1.4. Operating business segments
 - 9.1.5. Product portfolio
 - 9.1.6. Business performance
 - 9.1.7. Key strategic moves and developments
- 9.2. OMRON Corporation
 - 9.2.1. Company overview
 - 9.2.2. Key Executives
 - 9.2.3. Company snapshot
 - 9.2.4. Operating business segments
 - 9.2.5. Product portfolio
 - 9.2.6. Business performance

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- 9.2.7. Key strategic moves and developments
- 9.3. ABB Ltd.
 - 9.3.1. Company overview
 - 9.3.2. Key Executives
 - 9.3.3. Company snapshot
 - 9.3.4. Operating business segments
 - 9.3.5. Product portfolio
 - 9.3.6. Business performance
 - 9.3.7. Key strategic moves and developments
- 9.4. Emerson Electric Co.
 - 9.4.1. Company overview
 - 9.4.2. Key Executives
 - 9.4.3. Company snapshot
 - 9.4.4. Operating business segments
 - 9.4.5. Product portfolio
 - 9.4.6. Business performance
 - 9.4.7. Key strategic moves and developments
- 9.5. Honeywell International, Inc.
 - 9.5.1. Company overview
 - 9.5.2. Key Executives
 - 9.5.3. Company snapshot
 - 9.5.4. Operating business segments
 - 9.5.5. Product portfolio
 - 9.5.6. Business performance
 - 9.5.7. Key strategic moves and developments
- 9.6. KEYENCE CORPORATION
 - 9.6.1. Company overview
 - 9.6.2. Key Executives
 - 9.6.3. Company snapshot
 - 9.6.4. Operating business segments
 - 9.6.5. Product portfolio
 - 9.6.6. Business performance
 - 9.6.7. Key strategic moves and developments
- 9.7. Mitsubishi Electric Corporation
 - 9.7.1. Company overview
 - 9.7.2. Key Executives
 - 9.7.3. Company snapshot
 - 9.7.4. Operating business segments
 - 9.7.5. Product portfolio
 - 9.7.6. Business performance
 - 9.7.7. Key strategic moves and developments
- 9.8. SICK AG
 - 9.8.1. Company overview
 - 9.8.2. Key Executives
 - 9.8.3. Company snapshot
 - 9.8.4. Operating business segments
 - 9.8.5. Product portfolio

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- 9.8.6. Business performance
- 9.8.7. Key strategic moves and developments
- 9.9. Schneider Electric SE
 - 9.9.1. Company overview
 - 9.9.2. Key Executives
 - 9.9.3. Company snapshot
 - 9.9.4. Operating business segments
 - 9.9.5. Product portfolio
 - 9.9.6. Business performance
 - 9.9.7. Key strategic moves and developments
- 9.10. Siemens AG
 - 9.10.1. Company overview
 - 9.10.2. Key Executives
 - 9.10.3. Company snapshot
 - 9.10.4. Operating business segments
 - 9.10.5. Product portfolio
 - 9.10.6. Business performance
 - 9.10.7. Key strategic moves and developments
- 9.11. B&R Automation
 - 9.11.1. Company overview
 - 9.11.2. Key Executives
 - 9.11.3. Company snapshot
 - 9.11.4. Operating business segments
 - 9.11.5. Product portfolio

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