

Global Safety Contact Edge Sensors Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global Safety Contact Edge Sensors market size was valued at US\$ 289 million in 2024 and is forecast to a readjusted size of USD 463 million by 2031 with a CAGR of 7.1% during review period.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

Safety Contact Edge Sensors are pressure-sensitive devices installed along the edges of moving parts in automated machinery, doors, gates, and other mechanical systems to detect obstacles and prevent injury or damage. When an obstruction is encountered, the safety edge sensor signals the control system to stop or reverse the motion, ensuring the safety of people, equipment, and objects.

This report is a detailed and comprehensive analysis for global Safety Contact Edge Sensors market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Safety Contact Edge Sensors market size and forecasts, in consumption value

(\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Safety Contact Edge Sensors market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Safety Contact Edge Sensors market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Safety Contact Edge Sensors market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2020-2025

The Primary Objectives in This Report Are:

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for Safety Contact Edge Sensors
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global Safety Contact Edge Sensors market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include OMRON, ABB, Mayser, ASO, BBC Bircher, PROTECO, MillerEdge, Schmersal, Haake Technik, FAAC, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Safety Contact Edge Sensors market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

1 Meter Below

1 Meter to 2 Meters

2 Meters Above

Market segment by Application

Automatic Gates and Doors

Machine and Robotics

Automotive and Transportation

Others

Major players covered

OMRON

ABB

Mayser

ASO

BBC Bircher

PROTECO

MillerEdge

Schmersal

Haake Technik

FAAC

Pepperl+Fuchs

Tapeswitch

Rockwell Automation

Shandong Laien

SSZ GmbH

Shenzhen Bytorent

Hebei Wo Meinuo

Qingdao LCS Tech

Dongguan Dadi Electronic Technology

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Safety Contact Edge Sensors product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Safety Contact Edge Sensors, with price, sales quantity, revenue, and global market share of Safety Contact Edge Sensors from 2020 to 2025.

Chapter 3, the Safety Contact Edge Sensors competitive situation, sales quantity,

revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Safety Contact Edge Sensors breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and Safety Contact Edge Sensors market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Safety Contact Edge Sensors.

Chapter 14 and 15, to describe Safety Contact Edge Sensors sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Safety Contact Edge Sensors Consumption Value by Type: 2020 Versus 2024 Versus 2031

1.3.2 1 Meter Below

1.3.3 1 Meter to 2 Meters

1.3.4 2 Meters Above

1.4 Market Analysis by Application

1.4.1 Overview: Global Safety Contact Edge Sensors Consumption Value by Application: 2020 Versus 2024 Versus 2031

1.4.2 Automatic Gates and Doors

1.4.3 Machine and Robotics

1.4.4 Automotive and Transportation

1.4.5 Others

1.5 Global Safety Contact Edge Sensors Market Size & Forecast

1.5.1 Global Safety Contact Edge Sensors Consumption Value (2020 & 2024 & 2031)

1.5.2 Global Safety Contact Edge Sensors Sales Quantity (2020-2031)

1.5.3 Global Safety Contact Edge Sensors Average Price (2020-2031)

2 MANUFACTURERS PROFILES

2.1 OMRON

2.1.1 OMRON Details

2.1.2 OMRON Major Business

2.1.3 OMRON Safety Contact Edge Sensors Product and Services

2.1.4 OMRON Safety Contact Edge Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.1.5 OMRON Recent Developments/Updates

2.2 ABB

2.2.1 ABB Details

2.2.2 ABB Major Business

2.2.3 ABB Safety Contact Edge Sensors Product and Services

2.2.4 ABB Safety Contact Edge Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.2.5 ABB Recent Developments/Updates

2.3 Mayser

2.3.1 Mayser Details

2.3.2 Mayser Major Business

2.3.3 Mayser Safety Contact Edge Sensors Product and Services

2.3.4 Mayser Safety Contact Edge Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.3.5 Mayser Recent Developments/Updates

2.4 ASO

2.4.1 ASO Details

2.4.2 ASO Major Business

2.4.3 ASO Safety Contact Edge Sensors Product and Services

2.4.4 ASO Safety Contact Edge Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.4.5 ASO Recent Developments/Updates

2.5 BBC Bircher

2.5.1 BBC Bircher Details

2.5.2 BBC Bircher Major Business

2.5.3 BBC Bircher Safety Contact Edge Sensors Product and Services

2.5.4 BBC Bircher Safety Contact Edge Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.5.5 BBC Bircher Recent Developments/Updates

2.6 PROTECO

2.6.1 PROTECO Details

2.6.2 PROTECO Major Business

2.6.3 PROTECO Safety Contact Edge Sensors Product and Services

2.6.4 PROTECO Safety Contact Edge Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.6.5 PROTECO Recent Developments/Updates

2.7 MillerEdge

2.7.1 MillerEdge Details

2.7.2 MillerEdge Major Business

2.7.3 MillerEdge Safety Contact Edge Sensors Product and Services

2.7.4 MillerEdge Safety Contact Edge Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.7.5 MillerEdge Recent Developments/Updates

2.8 Schmersal

2.8.1 Schmersal Details

2.8.2 Schmersal Major Business

- 2.8.3 Schmersal Safety Contact Edge Sensors Product and Services
- 2.8.4 Schmersal Safety Contact Edge Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
- 2.8.5 Schmersal Recent Developments/Updates
- 2.9 Haake Technik
 - 2.9.1 Haake Technik Details
 - 2.9.2 Haake Technik Major Business
 - 2.9.3 Haake Technik Safety Contact Edge Sensors Product and Services
 - 2.9.4 Haake Technik Safety Contact Edge Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.9.5 Haake Technik Recent Developments/Updates
- 2.10 FAAC
 - 2.10.1 FAAC Details
 - 2.10.2 FAAC Major Business
 - 2.10.3 FAAC Safety Contact Edge Sensors Product and Services
 - 2.10.4 FAAC Safety Contact Edge Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.10.5 FAAC Recent Developments/Updates
- 2.11 Pepperl+Fuchs
 - 2.11.1 Pepperl+Fuchs Details
 - 2.11.2 Pepperl+Fuchs Major Business
 - 2.11.3 Pepperl+Fuchs Safety Contact Edge Sensors Product and Services
 - 2.11.4 Pepperl+Fuchs Safety Contact Edge Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.11.5 Pepperl+Fuchs Recent Developments/Updates
- 2.12 Tapeswitch
 - 2.12.1 Tapeswitch Details
 - 2.12.2 Tapeswitch Major Business
 - 2.12.3 Tapeswitch Safety Contact Edge Sensors Product and Services
 - 2.12.4 Tapeswitch Safety Contact Edge Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.12.5 Tapeswitch Recent Developments/Updates
- 2.13 Rockwell Automation
 - 2.13.1 Rockwell Automation Details
 - 2.13.2 Rockwell Automation Major Business
 - 2.13.3 Rockwell Automation Safety Contact Edge Sensors Product and Services
 - 2.13.4 Rockwell Automation Safety Contact Edge Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)
 - 2.13.5 Rockwell Automation Recent Developments/Updates

2.14 Shandong Laien

2.14.1 Shandong Laien Details

2.14.2 Shandong Laien Major Business

2.14.3 Shandong Laien Safety Contact Edge Sensors Product and Services

2.14.4 Shandong Laien Safety Contact Edge Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.14.5 Shandong Laien Recent Developments/Updates

2.15 SSZ GmbH

2.15.1 SSZ GmbH Details

2.15.2 SSZ GmbH Major Business

2.15.3 SSZ GmbH Safety Contact Edge Sensors Product and Services

2.15.4 SSZ GmbH Safety Contact Edge Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.15.5 SSZ GmbH Recent Developments/Updates

2.16 Shenzhen Bytorent

2.16.1 Shenzhen Bytorent Details

2.16.2 Shenzhen Bytorent Major Business

2.16.3 Shenzhen Bytorent Safety Contact Edge Sensors Product and Services

2.16.4 Shenzhen Bytorent Safety Contact Edge Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.16.5 Shenzhen Bytorent Recent Developments/Updates

2.17 Hebei Wo Meinuo

2.17.1 Hebei Wo Meinuo Details

2.17.2 Hebei Wo Meinuo Major Business

2.17.3 Hebei Wo Meinuo Safety Contact Edge Sensors Product and Services

2.17.4 Hebei Wo Meinuo Safety Contact Edge Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.17.5 Hebei Wo Meinuo Recent Developments/Updates

2.18 Qingdao LCS Tech

2.18.1 Qingdao LCS Tech Details

2.18.2 Qingdao LCS Tech Major Business

2.18.3 Qingdao LCS Tech Safety Contact Edge Sensors Product and Services

2.18.4 Qingdao LCS Tech Safety Contact Edge Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.18.5 Qingdao LCS Tech Recent Developments/Updates

2.19 Dongguan Dadi Electronic Technology

2.19.1 Dongguan Dadi Electronic Technology Details

2.19.2 Dongguan Dadi Electronic Technology Major Business

2.19.3 Dongguan Dadi Electronic Technology Safety Contact Edge Sensors Product

and Services

2.19.4 Dongguan Dadi Electronic Technology Safety Contact Edge Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2020-2025)

2.19.5 Dongguan Dadi Electronic Technology Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: SAFETY CONTACT EDGE SENSORS BY MANUFACTURER

3.1 Global Safety Contact Edge Sensors Sales Quantity by Manufacturer (2020-2025)

3.2 Global Safety Contact Edge Sensors Revenue by Manufacturer (2020-2025)

3.3 Global Safety Contact Edge Sensors Average Price by Manufacturer (2020-2025)

3.4 Market Share Analysis (2024)

3.4.1 Producer Shipments of Safety Contact Edge Sensors by Manufacturer Revenue (\$MM) and Market Share (%): 2024

3.4.2 Top 3 Safety Contact Edge Sensors Manufacturer Market Share in 2024

3.4.3 Top 6 Safety Contact Edge Sensors Manufacturer Market Share in 2024

3.5 Safety Contact Edge Sensors Market: Overall Company Footprint Analysis

3.5.1 Safety Contact Edge Sensors Market: Region Footprint

3.5.2 Safety Contact Edge Sensors Market: Company Product Type Footprint

3.5.3 Safety Contact Edge Sensors Market: Company Product Application Footprint

3.6 New Market Entrants and Barriers to Market Entry

3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

4.1 Global Safety Contact Edge Sensors Market Size by Region

4.1.1 Global Safety Contact Edge Sensors Sales Quantity by Region (2020-2031)

4.1.2 Global Safety Contact Edge Sensors Consumption Value by Region (2020-2031)

4.1.3 Global Safety Contact Edge Sensors Average Price by Region (2020-2031)

4.2 North America Safety Contact Edge Sensors Consumption Value (2020-2031)

4.3 Europe Safety Contact Edge Sensors Consumption Value (2020-2031)

4.4 Asia-Pacific Safety Contact Edge Sensors Consumption Value (2020-2031)

4.5 South America Safety Contact Edge Sensors Consumption Value (2020-2031)

4.6 Middle East & Africa Safety Contact Edge Sensors Consumption Value (2020-2031)

5 MARKET SEGMENT BY TYPE

5.1 Global Safety Contact Edge Sensors Sales Quantity by Type (2020-2031)

5.2 Global Safety Contact Edge Sensors Consumption Value by Type (2020-2031)

5.3 Global Safety Contact Edge Sensors Average Price by Type (2020-2031)

6 MARKET SEGMENT BY APPLICATION

6.1 Global Safety Contact Edge Sensors Sales Quantity by Application (2020-2031)

6.2 Global Safety Contact Edge Sensors Consumption Value by Application (2020-2031)

6.3 Global Safety Contact Edge Sensors Average Price by Application (2020-2031)

7 NORTH AMERICA

7.1 North America Safety Contact Edge Sensors Sales Quantity by Type (2020-2031)

7.2 North America Safety Contact Edge Sensors Sales Quantity by Application (2020-2031)

7.3 North America Safety Contact Edge Sensors Market Size by Country

7.3.1 North America Safety Contact Edge Sensors Sales Quantity by Country (2020-2031)

7.3.2 North America Safety Contact Edge Sensors Consumption Value by Country (2020-2031)

7.3.3 United States Market Size and Forecast (2020-2031)

7.3.4 Canada Market Size and Forecast (2020-2031)

7.3.5 Mexico Market Size and Forecast (2020-2031)

8 EUROPE

8.1 Europe Safety Contact Edge Sensors Sales Quantity by Type (2020-2031)

8.2 Europe Safety Contact Edge Sensors Sales Quantity by Application (2020-2031)

8.3 Europe Safety Contact Edge Sensors Market Size by Country

8.3.1 Europe Safety Contact Edge Sensors Sales Quantity by Country (2020-2031)

8.3.2 Europe Safety Contact Edge Sensors Consumption Value by Country (2020-2031)

8.3.3 Germany Market Size and Forecast (2020-2031)

8.3.4 France Market Size and Forecast (2020-2031)

8.3.5 United Kingdom Market Size and Forecast (2020-2031)

8.3.6 Russia Market Size and Forecast (2020-2031)

8.3.7 Italy Market Size and Forecast (2020-2031)

9 ASIA-PACIFIC

9.1 Asia-Pacific Safety Contact Edge Sensors Sales Quantity by Type (2020-2031)

9.2 Asia-Pacific Safety Contact Edge Sensors Sales Quantity by Application
(2020-2031)

9.3 Asia-Pacific Safety Contact Edge Sensors Market Size by Region

9.3.1 Asia-Pacific Safety Contact Edge Sensors Sales Quantity by Region (2020-2031)

9.3.2 Asia-Pacific Safety Contact Edge Sensors Consumption Value by Region
(2020-2031)

9.3.3 China Market Size and Forecast (2020-2031)

9.3.4 Japan Market Size and Forecast (2020-2031)

9.3.5 South Korea Market Size and Forecast (2020-2031)

9.3.6 India Market Size and Forecast (2020-2031)

9.3.7 Southeast Asia Market Size and Forecast (2020-2031)

9.3.8 Australia Market Size and Forecast (2020-2031)

10 SOUTH AMERICA

10.1 South America Safety Contact Edge Sensors Sales Quantity by Type (2020-2031)

10.2 South America Safety Contact Edge Sensors Sales Quantity by Application
(2020-2031)

10.3 South America Safety Contact Edge Sensors Market Size by Country

10.3.1 South America Safety Contact Edge Sensors Sales Quantity by Country
(2020-2031)

10.3.2 South America Safety Contact Edge Sensors Consumption Value by Country
(2020-2031)

10.3.3 Brazil Market Size and Forecast (2020-2031)

10.3.4 Argentina Market Size and Forecast (2020-2031)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Safety Contact Edge Sensors Sales Quantity by Type
(2020-2031)

11.2 Middle East & Africa Safety Contact Edge Sensors Sales Quantity by Application
(2020-2031)

11.3 Middle East & Africa Safety Contact Edge Sensors Market Size by Country

11.3.1 Middle East & Africa Safety Contact Edge Sensors Sales Quantity by Country
(2020-2031)

11.3.2 Middle East & Africa Safety Contact Edge Sensors Consumption Value by
Country (2020-2031)

11.3.3 Turkey Market Size and Forecast (2020-2031)

- 11.3.4 Egypt Market Size and Forecast (2020-2031)
- 11.3.5 Saudi Arabia Market Size and Forecast (2020-2031)
- 11.3.6 South Africa Market Size and Forecast (2020-2031)

12 MARKET DYNAMICS

- 12.1 Safety Contact Edge Sensors Market Drivers
- 12.2 Safety Contact Edge Sensors Market Restraints
- 12.3 Safety Contact Edge Sensors Trends Analysis
- 12.4 Porters Five Forces Analysis
 - 12.4.1 Threat of New Entrants
 - 12.4.2 Bargaining Power of Suppliers
 - 12.4.3 Bargaining Power of Buyers
 - 12.4.4 Threat of Substitutes
 - 12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

- 13.1 Raw Material of Safety Contact Edge Sensors and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Safety Contact Edge Sensors
- 13.3 Safety Contact Edge Sensors Production Process
- 13.4 Industry Value Chain Analysis

14 SHIPMENTS BY DISTRIBUTION CHANNEL

- 14.1 Sales Channel
 - 14.1.1 Direct to End-User
 - 14.1.2 Distributors
- 14.2 Safety Contact Edge Sensors Typical Distributors
- 14.3 Safety Contact Edge Sensors Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

- 16.1 Methodology
- 16.2 Research Process and Data Source
- 16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global Safety Contact Edge Sensors Consumption Value by Type, (USD Million), 2020 & 2024 & 2031

Table 2. Global Safety Contact Edge Sensors Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Table 3. OMRON Basic Information, Manufacturing Base and Competitors

Table 4. OMRON Major Business

Table 5. OMRON Safety Contact Edge Sensors Product and Services

Table 6. OMRON Safety Contact Edge Sensors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 7. OMRON Recent Developments/Updates

Table 8. ABB Basic Information, Manufacturing Base and Competitors

Table 9. ABB Major Business

Table 10. ABB Safety Contact Edge Sensors Product and Services

Table 11. ABB Safety Contact Edge Sensors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 12. ABB Recent Developments/Updates

Table 13. Mayser Basic Information, Manufacturing Base and Competitors

Table 14. Mayser Major Business

Table 15. Mayser Safety Contact Edge Sensors Product and Services

Table 16. Mayser Safety Contact Edge Sensors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 17. Mayser Recent Developments/Updates

Table 18. ASO Basic Information, Manufacturing Base and Competitors

Table 19. ASO Major Business

Table 20. ASO Safety Contact Edge Sensors Product and Services

Table 21. ASO Safety Contact Edge Sensors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 22. ASO Recent Developments/Updates

Table 23. BBC Bircher Basic Information, Manufacturing Base and Competitors

Table 24. BBC Bircher Major Business

Table 25. BBC Bircher Safety Contact Edge Sensors Product and Services

Table 26. BBC Bircher Safety Contact Edge Sensors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 27. BBC Bircher Recent Developments/Updates

Table 28. PROTECO Basic Information, Manufacturing Base and Competitors

Table 29. PROTECO Major Business

Table 30. PROTECO Safety Contact Edge Sensors Product and Services

Table 31. PROTECO Safety Contact Edge Sensors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 32. PROTECO Recent Developments/Updates

Table 33. MillerEdge Basic Information, Manufacturing Base and Competitors

Table 34. MillerEdge Major Business

Table 35. MillerEdge Safety Contact Edge Sensors Product and Services

Table 36. MillerEdge Safety Contact Edge Sensors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 37. MillerEdge Recent Developments/Updates

Table 38. Schmersal Basic Information, Manufacturing Base and Competitors

Table 39. Schmersal Major Business

Table 40. Schmersal Safety Contact Edge Sensors Product and Services

Table 41. Schmersal Safety Contact Edge Sensors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 42. Schmersal Recent Developments/Updates

Table 43. Haake Technik Basic Information, Manufacturing Base and Competitors

Table 44. Haake Technik Major Business

Table 45. Haake Technik Safety Contact Edge Sensors Product and Services

Table 46. Haake Technik Safety Contact Edge Sensors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 47. Haake Technik Recent Developments/Updates

Table 48. FAAC Basic Information, Manufacturing Base and Competitors

Table 49. FAAC Major Business

Table 50. FAAC Safety Contact Edge Sensors Product and Services

Table 51. FAAC Safety Contact Edge Sensors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 52. FAAC Recent Developments/Updates

Table 53. Pepperl+Fuchs Basic Information, Manufacturing Base and Competitors

Table 54. Pepperl+Fuchs Major Business

Table 55. Pepperl+Fuchs Safety Contact Edge Sensors Product and Services

Table 56. Pepperl+Fuchs Safety Contact Edge Sensors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 57. Pepperl+Fuchs Recent Developments/Updates

Table 58. Tapeswitch Basic Information, Manufacturing Base and Competitors

Table 59. Tapeswitch Major Business

Table 60. Tapeswitch Safety Contact Edge Sensors Product and Services
Table 61. Tapeswitch Safety Contact Edge Sensors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
Table 62. Tapeswitch Recent Developments/Updates
Table 63. Rockwell Automation Basic Information, Manufacturing Base and Competitors
Table 64. Rockwell Automation Major Business
Table 65. Rockwell Automation Safety Contact Edge Sensors Product and Services
Table 66. Rockwell Automation Safety Contact Edge Sensors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
Table 67. Rockwell Automation Recent Developments/Updates
Table 68. Shandong Laien Basic Information, Manufacturing Base and Competitors
Table 69. Shandong Laien Major Business
Table 70. Shandong Laien Safety Contact Edge Sensors Product and Services
Table 71. Shandong Laien Safety Contact Edge Sensors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
Table 72. Shandong Laien Recent Developments/Updates
Table 73. SSZ GmbH Basic Information, Manufacturing Base and Competitors
Table 74. SSZ GmbH Major Business
Table 75. SSZ GmbH Safety Contact Edge Sensors Product and Services
Table 76. SSZ GmbH Safety Contact Edge Sensors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
Table 77. SSZ GmbH Recent Developments/Updates
Table 78. Shenzhen Bytorent Basic Information, Manufacturing Base and Competitors
Table 79. Shenzhen Bytorent Major Business
Table 80. Shenzhen Bytorent Safety Contact Edge Sensors Product and Services
Table 81. Shenzhen Bytorent Safety Contact Edge Sensors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
Table 82. Shenzhen Bytorent Recent Developments/Updates
Table 83. Hebei Wo Meinuo Basic Information, Manufacturing Base and Competitors
Table 84. Hebei Wo Meinuo Major Business
Table 85. Hebei Wo Meinuo Safety Contact Edge Sensors Product and Services
Table 86. Hebei Wo Meinuo Safety Contact Edge Sensors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)
Table 87. Hebei Wo Meinuo Recent Developments/Updates
Table 88. Qingdao LCS Tech Basic Information, Manufacturing Base and Competitors

Table 89. Qingdao LCS Tech Major Business

Table 90. Qingdao LCS Tech Safety Contact Edge Sensors Product and Services

Table 91. Qingdao LCS Tech Safety Contact Edge Sensors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 92. Qingdao LCS Tech Recent Developments/Updates

Table 93. Dongguan Dadi Electronic Technology Basic Information, Manufacturing Base and Competitors

Table 94. Dongguan Dadi Electronic Technology Major Business

Table 95. Dongguan Dadi Electronic Technology Safety Contact Edge Sensors Product and Services

Table 96. Dongguan Dadi Electronic Technology Safety Contact Edge Sensors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2020-2025)

Table 97. Dongguan Dadi Electronic Technology Recent Developments/Updates

Table 98. Global Safety Contact Edge Sensors Sales Quantity by Manufacturer (2020-2025) & (K Units)

Table 99. Global Safety Contact Edge Sensors Revenue by Manufacturer (2020-2025) & (USD Million)

Table 100. Global Safety Contact Edge Sensors Average Price by Manufacturer (2020-2025) & (US\$/Unit)

Table 101. Market Position of Manufacturers in Safety Contact Edge Sensors, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2024

Table 102. Head Office and Safety Contact Edge Sensors Production Site of Key Manufacturer

Table 103. Safety Contact Edge Sensors Market: Company Product Type Footprint

Table 104. Safety Contact Edge Sensors Market: Company Product Application Footprint

Table 105. Safety Contact Edge Sensors New Market Entrants and Barriers to Market Entry

Table 106. Safety Contact Edge Sensors Mergers, Acquisition, Agreements, and Collaborations

Table 107. Global Safety Contact Edge Sensors Consumption Value by Region (2020-2024-2031) & (USD Million) & CAGR

Table 108. Global Safety Contact Edge Sensors Sales Quantity by Region (2020-2025) & (K Units)

Table 109. Global Safety Contact Edge Sensors Sales Quantity by Region (2026-2031) & (K Units)

Table 110. Global Safety Contact Edge Sensors Consumption Value by Region

(2020-2025) & (USD Million)

Table 111. Global Safety Contact Edge Sensors Consumption Value by Region

(2026-2031) & (USD Million)

Table 112. Global Safety Contact Edge Sensors Average Price by Region (2020-2025) & (US\$/Unit)

Table 113. Global Safety Contact Edge Sensors Average Price by Region (2026-2031) & (US\$/Unit)

Table 114. Global Safety Contact Edge Sensors Sales Quantity by Type (2020-2025) & (K Units)

Table 115. Global Safety Contact Edge Sensors Sales Quantity by Type (2026-2031) & (K Units)

Table 116. Global Safety Contact Edge Sensors Consumption Value by Type (2020-2025) & (USD Million)

Table 117. Global Safety Contact Edge Sensors Consumption Value by Type (2026-2031) & (USD Million)

Table 118. Global Safety Contact Edge Sensors Average Price by Type (2020-2025) & (US\$/Unit)

Table 119. Global Safety Contact Edge Sensors Average Price by Type (2026-2031) & (US\$/Unit)

Table 120. Global Safety Contact Edge Sensors Sales Quantity by Application (2020-2025) & (K Units)

Table 121. Global Safety Contact Edge Sensors Sales Quantity by Application (2026-2031) & (K Units)

Table 122. Global Safety Contact Edge Sensors Consumption Value by Application (2020-2025) & (USD Million)

Table 123. Global Safety Contact Edge Sensors Consumption Value by Application (2026-2031) & (USD Million)

Table 124. Global Safety Contact Edge Sensors Average Price by Application (2020-2025) & (US\$/Unit)

Table 125. Global Safety Contact Edge Sensors Average Price by Application (2026-2031) & (US\$/Unit)

Table 126. North America Safety Contact Edge Sensors Sales Quantity by Type (2020-2025) & (K Units)

Table 127. North America Safety Contact Edge Sensors Sales Quantity by Type (2026-2031) & (K Units)

Table 128. North America Safety Contact Edge Sensors Sales Quantity by Application (2020-2025) & (K Units)

Table 129. North America Safety Contact Edge Sensors Sales Quantity by Application (2026-2031) & (K Units)

Table 130. North America Safety Contact Edge Sensors Sales Quantity by Country (2020-2025) & (K Units)

Table 131. North America Safety Contact Edge Sensors Sales Quantity by Country (2026-2031) & (K Units)

Table 132. North America Safety Contact Edge Sensors Consumption Value by Country (2020-2025) & (USD Million)

Table 133. North America Safety Contact Edge Sensors Consumption Value by Country (2026-2031) & (USD Million)

Table 134. Europe Safety Contact Edge Sensors Sales Quantity by Type (2020-2025) & (K Units)

Table 135. Europe Safety Contact Edge Sensors Sales Quantity by Type (2026-2031) & (K Units)

Table 136. Europe Safety Contact Edge Sensors Sales Quantity by Application (2020-2025) & (K Units)

Table 137. Europe Safety Contact Edge Sensors Sales Quantity by Application (2026-2031) & (K Units)

Table 138. Europe Safety Contact Edge Sensors Sales Quantity by Country (2020-2025) & (K Units)

Table 139. Europe Safety Contact Edge Sensors Sales Quantity by Country (2026-2031) & (K Units)

Table 140. Europe Safety Contact Edge Sensors Consumption Value by Country (2020-2025) & (USD Million)

Table 141. Europe Safety Contact Edge Sensors Consumption Value by Country (2026-2031) & (USD Million)

Table 142. Asia-Pacific Safety Contact Edge Sensors Sales Quantity by Type (2020-2025) & (K Units)

Table 143. Asia-Pacific Safety Contact Edge Sensors Sales Quantity by Type (2026-2031) & (K Units)

Table 144. Asia-Pacific Safety Contact Edge Sensors Sales Quantity by Application (2020-2025) & (K Units)

Table 145. Asia-Pacific Safety Contact Edge Sensors Sales Quantity by Application (2026-2031) & (K Units)

Table 146. Asia-Pacific Safety Contact Edge Sensors Sales Quantity by Region (2020-2025) & (K Units)

Table 147. Asia-Pacific Safety Contact Edge Sensors Sales Quantity by Region (2026-2031) & (K Units)

Table 148. Asia-Pacific Safety Contact Edge Sensors Consumption Value by Region (2020-2025) & (USD Million)

Table 149. Asia-Pacific Safety Contact Edge Sensors Consumption Value by Region

(2026-2031) & (USD Million)

Table 150. South America Safety Contact Edge Sensors Sales Quantity by Type (2020-2025) & (K Units)

Table 151. South America Safety Contact Edge Sensors Sales Quantity by Type (2026-2031) & (K Units)

Table 152. South America Safety Contact Edge Sensors Sales Quantity by Application (2020-2025) & (K Units)

Table 153. South America Safety Contact Edge Sensors Sales Quantity by Application (2026-2031) & (K Units)

Table 154. South America Safety Contact Edge Sensors Sales Quantity by Country (2020-2025) & (K Units)

Table 155. South America Safety Contact Edge Sensors Sales Quantity by Country (2026-2031) & (K Units)

Table 156. South America Safety Contact Edge Sensors Consumption Value by Country (2020-2025) & (USD Million)

Table 157. South America Safety Contact Edge Sensors Consumption Value by Country (2026-2031) & (USD Million)

Table 158. Middle East & Africa Safety Contact Edge Sensors Sales Quantity by Type (2020-2025) & (K Units)

Table 159. Middle East & Africa Safety Contact Edge Sensors Sales Quantity by Type (2026-2031) & (K Units)

Table 160. Middle East & Africa Safety Contact Edge Sensors Sales Quantity by Application (2020-2025) & (K Units)

Table 161. Middle East & Africa Safety Contact Edge Sensors Sales Quantity by Application (2026-2031) & (K Units)

Table 162. Middle East & Africa Safety Contact Edge Sensors Sales Quantity by Country (2020-2025) & (K Units)

Table 163. Middle East & Africa Safety Contact Edge Sensors Sales Quantity by Country (2026-2031) & (K Units)

Table 164. Middle East & Africa Safety Contact Edge Sensors Consumption Value by Country (2020-2025) & (USD Million)

Table 165. Middle East & Africa Safety Contact Edge Sensors Consumption Value by Country (2026-2031) & (USD Million)

Table 166. Safety Contact Edge Sensors Raw Material

Table 167. Key Manufacturers of Safety Contact Edge Sensors Raw Materials

Table 168. Safety Contact Edge Sensors Typical Distributors

Table 169. Safety Contact Edge Sensors Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. Safety Contact Edge Sensors Picture

Figure 2. Global Safety Contact Edge Sensors Revenue by Type, (USD Million), 2020 & 2024 & 2031

Figure 3. Global Safety Contact Edge Sensors Revenue Market Share by Type in 2024

Figure 4. 1 Meter Below Examples

Figure 5. 1 Meter to 2 Meters Examples

Figure 6. 2 Meters Above Examples

Figure 7. Global Safety Contact Edge Sensors Consumption Value by Application, (USD Million), 2020 & 2024 & 2031

Figure 8. Global Safety Contact Edge Sensors Revenue Market Share by Application in 2024

Figure 9. Automatic Gates and Doors Examples

Figure 10. Machine and Robotics Examples

Figure 11. Automotive and Transportation Examples

Figure 12. Others Examples

Figure 13. Global Safety Contact Edge Sensors Consumption Value, (USD Million): 2020 & 2024 & 2031

Figure 14. Global Safety Contact Edge Sensors Consumption Value and Forecast (2020-2031) & (USD Million)

Figure 15. Global Safety Contact Edge Sensors Sales Quantity (2020-2031) & (K Units)

Figure 16. Global Safety Contact Edge Sensors Price (2020-2031) & (US\$/Unit)

Figure 17. Global Safety Contact Edge Sensors Sales Quantity Market Share by Manufacturer in 2024

Figure 18. Global Safety Contact Edge Sensors Revenue Market Share by Manufacturer in 2024

Figure 19. Producer Shipments of Safety Contact Edge Sensors by Manufacturer Sales (\$MM) and Market Share (%): 2024

Figure 20. Top 3 Safety Contact Edge Sensors Manufacturer (Revenue) Market Share in 2024

Figure 21. Top 6 Safety Contact Edge Sensors Manufacturer (Revenue) Market Share in 2024

Figure 22. Global Safety Contact Edge Sensors Sales Quantity Market Share by Region (2020-2031)

Figure 23. Global Safety Contact Edge Sensors Consumption Value Market Share by Region (2020-2031)

Figure 24. North America Safety Contact Edge Sensors Consumption Value (2020-2031) & (USD Million)

Figure 25. Europe Safety Contact Edge Sensors Consumption Value (2020-2031) & (USD Million)

Figure 26. Asia-Pacific Safety Contact Edge Sensors Consumption Value (2020-2031) & (USD Million)

Figure 27. South America Safety Contact Edge Sensors Consumption Value (2020-2031) & (USD Million)

Figure 28. Middle East & Africa Safety Contact Edge Sensors Consumption Value (2020-2031) & (USD Million)

Figure 29. Global Safety Contact Edge Sensors Sales Quantity Market Share by Type (2020-2031)

Figure 30. Global Safety Contact Edge Sensors Consumption Value Market Share by Type (2020-2031)

Figure 31. Global Safety Contact Edge Sensors Average Price by Type (2020-2031) & (US\$/Unit)

Figure 32. Global Safety Contact Edge Sensors Sales Quantity Market Share by Application (2020-2031)

Figure 33. Global Safety Contact Edge Sensors Revenue Market Share by Application (2020-2031)

Figure 34. Global Safety Contact Edge Sensors Average Price by Application (2020-2031) & (US\$/Unit)

Figure 35. North America Safety Contact Edge Sensors Sales Quantity Market Share by Type (2020-2031)

Figure 36. North America Safety Contact Edge Sensors Sales Quantity Market Share by Application (2020-2031)

Figure 37. North America Safety Contact Edge Sensors Sales Quantity Market Share by Country (2020-2031)

Figure 38. North America Safety Contact Edge Sensors Consumption Value Market Share by Country (2020-2031)

Figure 39. United States Safety Contact Edge Sensors Consumption Value (2020-2031) & (USD Million)

Figure 40. Canada Safety Contact Edge Sensors Consumption Value (2020-2031) & (USD Million)

Figure 41. Mexico Safety Contact Edge Sensors Consumption Value (2020-2031) & (USD Million)

Figure 42. Europe Safety Contact Edge Sensors Sales Quantity Market Share by Type (2020-2031)

Figure 43. Europe Safety Contact Edge Sensors Sales Quantity Market Share by

Application (2020-2031)

Figure 44. Europe Safety Contact Edge Sensors Sales Quantity Market Share by Country (2020-2031)

Figure 45. Europe Safety Contact Edge Sensors Consumption Value Market Share by Country (2020-2031)

Figure 46. Germany Safety Contact Edge Sensors Consumption Value (2020-2031) & (USD Million)

Figure 47. France Safety Contact Edge Sensors Consumption Value (2020-2031) & (USD Million)

Figure 48. United Kingdom Safety Contact Edge Sensors Consumption Value (2020-2031) & (USD Million)

Figure 49. Russia Safety Contact Edge Sensors Consumption Value (2020-2031) & (USD Million)

Figure 50. Italy Safety Contact Edge Sensors Consumption Value (2020-2031) & (USD Million)

Figure 51. Asia-Pacific Safety Contact Edge Sensors Sales Quantity Market Share by Type (2020-2031)

Figure 52. Asia-Pacific Safety Contact Edge Sensors Sales Quantity Market Share by Application (2020-2031)

Figure 53. Asia-Pacific Safety Contact Edge Sensors Sales Quantity Market Share by Region (2020-2031)

Figure 54. Asia-Pacific Safety Contact Edge Sensors Consumption Value Market Share by Region (2020-2031)

Figure 55. China Safety Contact Edge Sensors Consumption Value (2020-2031) & (USD Million)

Figure 56. Japan Safety Contact Edge Sensors Consumption Value (2020-2031) & (USD Million)

Figure 57. South Korea Safety Contact Edge Sensors Consumption Value (2020-2031) & (USD Million)

Figure 58. India Safety Contact Edge Sensors Consumption Value (2020-2031) & (USD Million)

Figure 59. Southeast Asia Safety Contact Edge Sensors Consumption Value (2020-2031) & (USD Million)

Figure 60. Australia Safety Contact Edge Sensors Consumption Value (2020-2031) & (USD Million)

Figure 61. South America Safety Contact Edge Sensors Sales Quantity Market Share by Type (2020-2031)

Figure 62. South America Safety Contact Edge Sensors Sales Quantity Market Share by Application (2020-2031)

Figure 63. South America Safety Contact Edge Sensors Sales Quantity Market Share by Country (2020-2031)

Figure 64. South America Safety Contact Edge Sensors Consumption Value Market Share by Country (2020-2031)

Figure 65. Brazil Safety Contact Edge Sensors Consumption Value (2020-2031) & (USD Million)

Figure 66. Argentina Safety Contact Edge Sensors Consumption Value (2020-2031) & (USD Million)

Figure 67. Middle East & Africa Safety Contact Edge Sensors Sales Quantity Market Share by Type (2020-2031)

Figure 68. Middle East & Africa Safety Contact Edge Sensors Sales Quantity Market Share by Application (2020-2031)

Figure 69. Middle East & Africa Safety Contact Edge Sensors Sales Quantity Market Share by Country (2020-2031)

Figure 70. Middle East & Africa Safety Contact Edge Sensors Consumption Value Market Share by Country (2020-2031)

Figure 71. Turkey Safety Contact Edge Sensors Consumption Value (2020-2031) & (USD Million)

Figure 72. Egypt Safety Contact Edge Sensors Consumption Value (2020-2031) & (USD Million)

Figure 73. Saudi Arabia Safety Contact Edge Sensors Consumption Value (2020-2031) & (USD Million)

Figure 74. South Africa Safety Contact Edge Sensors Consumption Value (2020-2031) & (USD Million)

Figure 75. Safety Contact Edge Sensors Market Drivers

Figure 76. Safety Contact Edge Sensors Market Restraints

Figure 77. Safety Contact Edge Sensors Market Trends

Figure 78. Porters Five Forces Analysis

Figure 79. Manufacturing Cost Structure Analysis of Safety Contact Edge Sensors in 2024

Figure 80. Manufacturing Process Analysis of Safety Contact Edge Sensors

Figure 81. Safety Contact Edge Sensors Industrial Chain

Figure 82. Sales Channel: Direct to End-User vs Distributors

Figure 83. Direct Channel Pros & Cons

Figure 84. Indirect Channel Pros & Cons

Figure 85. Methodology

Figure 86. Research Process and Data Source

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