

# Global Automotive Sensor Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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# Abstracts

According to our (Global Info Research) latest study, the global Automotive Sensor market size was valued at USD 25520 million in 2023 and is forecast to a readjusted size of USD 32770 million by 2030 with a CAGR of 3.6% during review period.

Automotive sensors is integrated part of vehicle system and is designed to detect, transmit, analyze and display vehicle performance information within internal and external environment of the vehicle.

Automotive is a key driver of this industry. According to data from the World Automobile Organization (OICA), global automobile production and sales in 2017 reached their peak in the past 10 years, at 97.3 million and 95.89 million respectively. In 2018, the global economic expansion ended, and the global auto market declined as a whole. In 2022, there will wear units 81.6 million vehicles in the world. At present, more than 90% of the world's automobiles are concentrated in the three continents of Asia, Europe and North America, of which Asia automobile production accounts for 56% of the world, Europe accounts for 20%, and North America accounts for 16%. The world major automobile producing countries include China, the United States, Japan, South Korea, Germany, India, Mexico, and other countries; among them, China is the largest automobile producing country in the world, accounting for about 32%. Japan is the world's largest car exporter, exporting more than 3.5 million vehicles in 2022.

The Global Info Research report includes an overview of the development of the Automotive Sensor industry chain, the market status of Passenger Vehicle (Pressure Sensor, Temperature Sensor), Commercial Vehicle (Pressure Sensor, Temperature Sensor), and key enterprises in developed and developing market, and analysed the



cutting-edge technology, patent, hot applications and market trends of Automotive Sensor.

Regionally, the report analyzes the Automotive Sensor markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Automotive Sensor market, with robust domestic demand, supportive policies, and a strong manufacturing base.

#### Key Features:

The report presents comprehensive understanding of the Automotive Sensor market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Automotive Sensor industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., Pressure Sensor, Temperature Sensor).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Automotive Sensor market.

Regional Analysis: The report involves examining the Automotive Sensor market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Automotive Sensor market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Automotive Sensor:



Company Analysis: Report covers individual Automotive Sensor manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Automotive Sensor This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Passenger Vehicle, Commercial Vehicle).

Technology Analysis: Report covers specific technologies relevant to Automotive Sensor. It assesses the current state, advancements, and potential future developments in Automotive Sensor areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Automotive Sensor market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Automotive Sensor market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Pressure Sensor

**Temperature Sensor** 

Speed Sensor

**Position Sensor** 

Other

Global Automotive Sensor Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030



Market segment by Application

Passenger Vehicle

**Commercial Vehicle** 

Major players covered

**Robert Bosch** 

Continental

DENSO

Analog Devices

Sensata Technologies

Delphi

Infineon Technologies

**STMicroelectronics** 

Valeo

Hitachi

Autoliv

Mobis

ZF

NXP Semiconductors



Bourns

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 Automotive Sensor product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Automotive Sensor, with price, sales, revenue and global market share of Automotive Sensor from 2019 to 2024.

Chapter 3, the Automotive Sensor competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Automotive Sensor breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

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 2017 to 2023.and Automotive Sensor market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.



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 Automotive Sensor.

Chapter 14 and 15, to describe Automotive Sensor sales channel, distributors, customers, research findings and conclusion.



# Contents

### **1 MARKET OVERVIEW**

1.1 Product Overview and Scope of Automotive Sensor

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Automotive Sensor Consumption Value by Type: 2019 Versus 2023 Versus 2030

- 1.3.2 Pressure Sensor
- 1.3.3 Temperature Sensor
- 1.3.4 Speed Sensor
- 1.3.5 Position Sensor
- 1.3.6 Other
- 1.4 Market Analysis by Application

1.4.1 Overview: Global Automotive Sensor Consumption Value by Application: 2019 Versus 2023 Versus 2030

- 1.4.2 Passenger Vehicle
- 1.4.3 Commercial Vehicle
- 1.5 Global Automotive Sensor Market Size & Forecast
  - 1.5.1 Global Automotive Sensor Consumption Value (2019 & 2023 & 2030)
  - 1.5.2 Global Automotive Sensor Sales Quantity (2019-2030)
  - 1.5.3 Global Automotive Sensor Average Price (2019-2030)

# **2 MANUFACTURERS PROFILES**

2.1 Robert Bosch

- 2.1.1 Robert Bosch Details
- 2.1.2 Robert Bosch Major Business
- 2.1.3 Robert Bosch Automotive Sensor Product and Services
- 2.1.4 Robert Bosch Automotive Sensor Sales Quantity, Average Price, Revenue,

Gross Margin and Market Share (2019-2024)

- 2.1.5 Robert Bosch Recent Developments/Updates
- 2.2 Continental
  - 2.2.1 Continental Details
  - 2.2.2 Continental Major Business
  - 2.2.3 Continental Automotive Sensor Product and Services

2.2.4 Continental Automotive Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)



2.2.5 Continental Recent Developments/Updates

2.3 DENSO

- 2.3.1 DENSO Details
- 2.3.2 DENSO Major Business
- 2.3.3 DENSO Automotive Sensor Product and Services

2.3.4 DENSO Automotive Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.3.5 DENSO Recent Developments/Updates

2.4 Analog Devices

- 2.4.1 Analog Devices Details
- 2.4.2 Analog Devices Major Business
- 2.4.3 Analog Devices Automotive Sensor Product and Services
- 2.4.4 Analog Devices Automotive Sensor Sales Quantity, Average Price, Revenue,
- Gross Margin and Market Share (2019-2024)
- 2.4.5 Analog Devices Recent Developments/Updates

2.5 Sensata Technologies

- 2.5.1 Sensata Technologies Details
- 2.5.2 Sensata Technologies Major Business
- 2.5.3 Sensata Technologies Automotive Sensor Product and Services
- 2.5.4 Sensata Technologies Automotive Sensor Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2019-2024)

2.5.5 Sensata Technologies Recent Developments/Updates

2.6 Delphi

- 2.6.1 Delphi Details
- 2.6.2 Delphi Major Business
- 2.6.3 Delphi Automotive Sensor Product and Services

2.6.4 Delphi Automotive Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

- 2.6.5 Delphi Recent Developments/Updates
- 2.7 Infineon Technologies
  - 2.7.1 Infineon Technologies Details
  - 2.7.2 Infineon Technologies Major Business
  - 2.7.3 Infineon Technologies Automotive Sensor Product and Services
  - 2.7.4 Infineon Technologies Automotive Sensor Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2019-2024)

2.7.5 Infineon Technologies Recent Developments/Updates

2.8 STMicroelectronics

- 2.8.1 STMicroelectronics Details
- 2.8.2 STMicroelectronics Major Business



2.8.3 STMicroelectronics Automotive Sensor Product and Services

2.8.4 STMicroelectronics Automotive Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.8.5 STMicroelectronics Recent Developments/Updates

2.9 Valeo

2.9.1 Valeo Details

2.9.2 Valeo Major Business

- 2.9.3 Valeo Automotive Sensor Product and Services
- 2.9.4 Valeo Automotive Sensor Sales Quantity, Average Price, Revenue, Gross

Margin and Market Share (2019-2024)

2.9.5 Valeo Recent Developments/Updates

2.10 Hitachi

- 2.10.1 Hitachi Details
- 2.10.2 Hitachi Major Business

2.10.3 Hitachi Automotive Sensor Product and Services

2.10.4 Hitachi Automotive Sensor Sales Quantity, Average Price, Revenue, Gross

Margin and Market Share (2019-2024)

2.10.5 Hitachi Recent Developments/Updates

2.11 Autoliv

- 2.11.1 Autoliv Details
- 2.11.2 Autoliv Major Business
- 2.11.3 Autoliv Automotive Sensor Product and Services

2.11.4 Autoliv Automotive Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.11.5 Autoliv Recent Developments/Updates

2.12 Mobis

- 2.12.1 Mobis Details
- 2.12.2 Mobis Major Business
- 2.12.3 Mobis Automotive Sensor Product and Services

2.12.4 Mobis Automotive Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.12.5 Mobis Recent Developments/Updates

2.13 ZF

2.13.1 ZF Details

2.13.2 ZF Major Business

2.13.3 ZF Automotive Sensor Product and Services

2.13.4 ZF Automotive Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.13.5 ZF Recent Developments/Updates



2.14 NXP Semiconductors

- 2.14.1 NXP Semiconductors Details
- 2.14.2 NXP Semiconductors Major Business
- 2.14.3 NXP Semiconductors Automotive Sensor Product and Services
- 2.14.4 NXP Semiconductors Automotive Sensor Sales Quantity, Average Price,
- Revenue, Gross Margin and Market Share (2019-2024)
- 2.14.5 NXP Semiconductors Recent Developments/Updates

#### 2.15 Bourns

- 2.15.1 Bourns Details
- 2.15.2 Bourns Major Business
- 2.15.3 Bourns Automotive Sensor Product and Services
- 2.15.4 Bourns Automotive Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
- 2.15.5 Bourns Recent Developments/Updates

# **3 COMPETITIVE ENVIRONMENT: AUTOMOTIVE SENSOR BY MANUFACTURER**

- 3.1 Global Automotive Sensor Sales Quantity by Manufacturer (2019-2024)
- 3.2 Global Automotive Sensor Revenue by Manufacturer (2019-2024)
- 3.3 Global Automotive Sensor Average Price by Manufacturer (2019-2024)
- 3.4 Market Share Analysis (2023)

3.4.1 Producer Shipments of Automotive Sensor by Manufacturer Revenue (\$MM) and Market Share (%): 2023

- 3.4.2 Top 3 Automotive Sensor Manufacturer Market Share in 2023
- 3.4.2 Top 6 Automotive Sensor Manufacturer Market Share in 2023

3.5 Automotive Sensor Market: Overall Company Footprint Analysis

- 3.5.1 Automotive Sensor Market: Region Footprint
- 3.5.2 Automotive Sensor Market: Company Product Type Footprint
- 3.5.3 Automotive Sensor 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 Automotive Sensor Market Size by Region
- 4.1.1 Global Automotive Sensor Sales Quantity by Region (2019-2030)
- 4.1.2 Global Automotive Sensor Consumption Value by Region (2019-2030)
- 4.1.3 Global Automotive Sensor Average Price by Region (2019-2030)
- 4.2 North America Automotive Sensor Consumption Value (2019-2030)



- 4.3 Europe Automotive Sensor Consumption Value (2019-2030)
- 4.4 Asia-Pacific Automotive Sensor Consumption Value (2019-2030)
- 4.5 South America Automotive Sensor Consumption Value (2019-2030)
- 4.6 Middle East and Africa Automotive Sensor Consumption Value (2019-2030)

### **5 MARKET SEGMENT BY TYPE**

- 5.1 Global Automotive Sensor Sales Quantity by Type (2019-2030)
- 5.2 Global Automotive Sensor Consumption Value by Type (2019-2030)
- 5.3 Global Automotive Sensor Average Price by Type (2019-2030)

#### **6 MARKET SEGMENT BY APPLICATION**

- 6.1 Global Automotive Sensor Sales Quantity by Application (2019-2030)
- 6.2 Global Automotive Sensor Consumption Value by Application (2019-2030)
- 6.3 Global Automotive Sensor Average Price by Application (2019-2030)

#### **7 NORTH AMERICA**

- 7.1 North America Automotive Sensor Sales Quantity by Type (2019-2030)
- 7.2 North America Automotive Sensor Sales Quantity by Application (2019-2030)
- 7.3 North America Automotive Sensor Market Size by Country
  - 7.3.1 North America Automotive Sensor Sales Quantity by Country (2019-2030)
  - 7.3.2 North America Automotive Sensor Consumption Value by Country (2019-2030)
  - 7.3.3 United States Market Size and Forecast (2019-2030)
  - 7.3.4 Canada Market Size and Forecast (2019-2030)
  - 7.3.5 Mexico Market Size and Forecast (2019-2030)

# 8 EUROPE

- 8.1 Europe Automotive Sensor Sales Quantity by Type (2019-2030)
- 8.2 Europe Automotive Sensor Sales Quantity by Application (2019-2030)
- 8.3 Europe Automotive Sensor Market Size by Country
- 8.3.1 Europe Automotive Sensor Sales Quantity by Country (2019-2030)
- 8.3.2 Europe Automotive Sensor Consumption Value by Country (2019-2030)
- 8.3.3 Germany Market Size and Forecast (2019-2030)
- 8.3.4 France Market Size and Forecast (2019-2030)
- 8.3.5 United Kingdom Market Size and Forecast (2019-2030)
- 8.3.6 Russia Market Size and Forecast (2019-2030)



8.3.7 Italy Market Size and Forecast (2019-2030)

#### 9 ASIA-PACIFIC

- 9.1 Asia-Pacific Automotive Sensor Sales Quantity by Type (2019-2030)
- 9.2 Asia-Pacific Automotive Sensor Sales Quantity by Application (2019-2030)
- 9.3 Asia-Pacific Automotive Sensor Market Size by Region
- 9.3.1 Asia-Pacific Automotive Sensor Sales Quantity by Region (2019-2030)
- 9.3.2 Asia-Pacific Automotive Sensor Consumption Value by Region (2019-2030)
- 9.3.3 China Market Size and Forecast (2019-2030)
- 9.3.4 Japan Market Size and Forecast (2019-2030)
- 9.3.5 Korea Market Size and Forecast (2019-2030)
- 9.3.6 India Market Size and Forecast (2019-2030)
- 9.3.7 Southeast Asia Market Size and Forecast (2019-2030)
- 9.3.8 Australia Market Size and Forecast (2019-2030)

#### **10 SOUTH AMERICA**

- 10.1 South America Automotive Sensor Sales Quantity by Type (2019-2030)
- 10.2 South America Automotive Sensor Sales Quantity by Application (2019-2030)
- 10.3 South America Automotive Sensor Market Size by Country
- 10.3.1 South America Automotive Sensor Sales Quantity by Country (2019-2030)
- 10.3.2 South America Automotive Sensor Consumption Value by Country (2019-2030)
- 10.3.3 Brazil Market Size and Forecast (2019-2030)
- 10.3.4 Argentina Market Size and Forecast (2019-2030)

# **11 MIDDLE EAST & AFRICA**

- 11.1 Middle East & Africa Automotive Sensor Sales Quantity by Type (2019-2030)
- 11.2 Middle East & Africa Automotive Sensor Sales Quantity by Application (2019-2030)
- 11.3 Middle East & Africa Automotive Sensor Market Size by Country
- 11.3.1 Middle East & Africa Automotive Sensor Sales Quantity by Country (2019-2030)

11.3.2 Middle East & Africa Automotive Sensor Consumption Value by Country (2019-2030)

- 11.3.3 Turkey Market Size and Forecast (2019-2030)
- 11.3.4 Egypt Market Size and Forecast (2019-2030)
- 11.3.5 Saudi Arabia Market Size and Forecast (2019-2030)
- 11.3.6 South Africa Market Size and Forecast (2019-2030)



#### **12 MARKET DYNAMICS**

- 12.1 Automotive Sensor Market Drivers
- 12.2 Automotive Sensor Market Restraints
- 12.3 Automotive Sensor 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 Automotive Sensor and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Automotive Sensor
- 13.3 Automotive Sensor Production Process
- 13.4 Automotive Sensor Industrial Chain

#### **14 SHIPMENTS BY DISTRIBUTION CHANNEL**

- 14.1 Sales Channel
  - 14.1.1 Direct to End-User
  - 14.1.2 Distributors
- 14.2 Automotive Sensor Typical Distributors
- 14.3 Automotive Sensor 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 Automotive Sensor Consumption Value by Type, (USD Million), 2019 & 2023 & 2030 Table 2. Global Automotive Sensor Consumption Value by Application, (USD Million), 2019 & 2023 & 2030 Table 3. Robert Bosch Basic Information, Manufacturing Base and Competitors Table 4. Robert Bosch Major Business Table 5. Robert Bosch Automotive Sensor Product and Services Table 6. Robert Bosch Automotive Sensor Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024) Table 7. Robert Bosch Recent Developments/Updates Table 8. Continental Basic Information, Manufacturing Base and Competitors Table 9. Continental Major Business Table 10. Continental Automotive Sensor Product and Services Table 11. Continental Automotive Sensor Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024) Table 12. Continental Recent Developments/Updates Table 13. DENSO Basic Information, Manufacturing Base and Competitors Table 14. DENSO Major Business Table 15. DENSO Automotive Sensor Product and Services Table 16. DENSO Automotive Sensor Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024) Table 17. DENSO Recent Developments/Updates Table 18. Analog Devices Basic Information, Manufacturing Base and Competitors Table 19. Analog Devices Major Business Table 20. Analog Devices Automotive Sensor Product and Services Table 21. Analog Devices Automotive Sensor Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024) Table 22. Analog Devices Recent Developments/Updates Table 23. Sensata Technologies Basic Information, Manufacturing Base and Competitors Table 24. Sensata Technologies Major Business Table 25. Sensata Technologies Automotive Sensor Product and Services Table 26. Sensata Technologies Automotive Sensor Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024) Table 27. Sensata Technologies Recent Developments/Updates



 Table 28. Delphi Basic Information, Manufacturing Base and Competitors

Table 29. Delphi Major Business

Table 30. Delphi Automotive Sensor Product and Services

Table 31. Delphi Automotive Sensor Sales Quantity (K Units), Average Price

(USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 32. Delphi Recent Developments/Updates

Table 33. Infineon Technologies Basic Information, Manufacturing Base and Competitors

Table 34. Infineon Technologies Major Business

Table 35. Infineon Technologies Automotive Sensor Product and Services

Table 36. Infineon Technologies Automotive Sensor Sales Quantity (K Units), Average

Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 37. Infineon Technologies Recent Developments/Updates

Table 38. STMicroelectronics Basic Information, Manufacturing Base and Competitors

Table 39. STMicroelectronics Major Business

 Table 40. STMicroelectronics Automotive Sensor Product and Services

Table 41. STMicroelectronics Automotive Sensor Sales Quantity (K Units), Average

Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 42. STMicroelectronics Recent Developments/Updates

Table 43. Valeo Basic Information, Manufacturing Base and Competitors

Table 44. Valeo Major Business

Table 45. Valeo Automotive Sensor Product and Services

Table 46. Valeo Automotive Sensor Sales Quantity (K Units), Average Price (USD/Unit),

Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 47. Valeo Recent Developments/Updates

Table 48. Hitachi Basic Information, Manufacturing Base and Competitors

Table 49. Hitachi Major Business

Table 50. Hitachi Automotive Sensor Product and Services

Table 51. Hitachi Automotive Sensor Sales Quantity (K Units), Average Price

(USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 52. Hitachi Recent Developments/Updates

Table 53. Autoliv Basic Information, Manufacturing Base and Competitors

Table 54. Autoliv Major Business

Table 55. Autoliv Automotive Sensor Product and Services

Table 56. Autoliv Automotive Sensor Sales Quantity (K Units), Average Price

(USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 57. Autoliv Recent Developments/Updates

 Table 58. Mobis Basic Information, Manufacturing Base and Competitors

Table 59. Mobis Major Business



Table 60. Mobis Automotive Sensor Product and Services

Table 61. Mobis Automotive Sensor Sales Quantity (K Units), Average Price

(USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 62. Mobis Recent Developments/Updates

- Table 63. ZF Basic Information, Manufacturing Base and Competitors
- Table 64. ZF Major Business

Table 65. ZF Automotive Sensor Product and Services

Table 66. ZF Automotive Sensor Sales Quantity (K Units), Average Price (USD/Unit),

Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 67. ZF Recent Developments/Updates

Table 68. NXP Semiconductors Basic Information, Manufacturing Base and Competitors

Table 69. NXP Semiconductors Major Business

Table 70. NXP Semiconductors Automotive Sensor Product and Services

Table 71. NXP Semiconductors Automotive Sensor Sales Quantity (K Units), Average

Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 72. NXP Semiconductors Recent Developments/Updates

Table 73. Bourns Basic Information, Manufacturing Base and Competitors

Table 74. Bourns Major Business

Table 75. Bourns Automotive Sensor Product and Services

Table 76. Bourns Automotive Sensor Sales Quantity (K Units), Average Price

(USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 77. Bourns Recent Developments/Updates

Table 78. Global Automotive Sensor Sales Quantity by Manufacturer (2019-2024) & (K Units)

Table 79. Global Automotive Sensor Revenue by Manufacturer (2019-2024) & (USD Million)

Table 80. Global Automotive Sensor Average Price by Manufacturer (2019-2024) & (USD/Unit)

Table 81. Market Position of Manufacturers in Automotive Sensor, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2023

Table 82. Head Office and Automotive Sensor Production Site of Key Manufacturer

Table 83. Automotive Sensor Market: Company Product Type Footprint

Table 84. Automotive Sensor Market: Company Product Application Footprint

Table 85. Automotive Sensor New Market Entrants and Barriers to Market Entry

Table 86. Automotive Sensor Mergers, Acquisition, Agreements, and Collaborations

Table 87. Global Automotive Sensor Sales Quantity by Region (2019-2024) & (K Units)

Table 88. Global Automotive Sensor Sales Quantity by Region (2025-2030) & (K Units)

Table 89. Global Automotive Sensor Consumption Value by Region (2019-2024) &



(USD Million)

Table 90. Global Automotive Sensor Consumption Value by Region (2025-2030) & (USD Million)

Table 91. Global Automotive Sensor Average Price by Region (2019-2024) & (USD/Unit)

Table 92. Global Automotive Sensor Average Price by Region (2025-2030) & (USD/Unit)

Table 93. Global Automotive Sensor Sales Quantity by Type (2019-2024) & (K Units)

Table 94. Global Automotive Sensor Sales Quantity by Type (2025-2030) & (K Units)

Table 95. Global Automotive Sensor Consumption Value by Type (2019-2024) & (USD Million)

Table 96. Global Automotive Sensor Consumption Value by Type (2025-2030) & (USD Million)

Table 97. Global Automotive Sensor Average Price by Type (2019-2024) & (USD/Unit)

Table 98. Global Automotive Sensor Average Price by Type (2025-2030) & (USD/Unit)

Table 99. Global Automotive Sensor Sales Quantity by Application (2019-2024) & (K Units)

Table 100. Global Automotive Sensor Sales Quantity by Application (2025-2030) & (K Units)

Table 101. Global Automotive Sensor Consumption Value by Application (2019-2024) & (USD Million)

Table 102. Global Automotive Sensor Consumption Value by Application (2025-2030) & (USD Million)

Table 103. Global Automotive Sensor Average Price by Application (2019-2024) & (USD/Unit)

Table 104. Global Automotive Sensor Average Price by Application (2025-2030) & (USD/Unit)

Table 105. North America Automotive Sensor Sales Quantity by Type (2019-2024) & (K Units)

Table 106. North America Automotive Sensor Sales Quantity by Type (2025-2030) & (K Units)

Table 107. North America Automotive Sensor Sales Quantity by Application

(2019-2024) & (K Units)

Table 108. North America Automotive Sensor Sales Quantity by Application (2025-2030) & (K Units)

Table 109. North America Automotive Sensor Sales Quantity by Country (2019-2024) & (K Units)

Table 110. North America Automotive Sensor Sales Quantity by Country (2025-2030) & (K Units)



Table 111. North America Automotive Sensor Consumption Value by Country (2019-2024) & (USD Million) Table 112. North America Automotive Sensor Consumption Value by Country (2025-2030) & (USD Million) Table 113. Europe Automotive Sensor Sales Quantity by Type (2019-2024) & (K Units) Table 114. Europe Automotive Sensor Sales Quantity by Type (2025-2030) & (K Units) Table 115. Europe Automotive Sensor Sales Quantity by Application (2019-2024) & (K Units) Table 116. Europe Automotive Sensor Sales Quantity by Application (2025-2030) & (K Units) Table 117. Europe Automotive Sensor Sales Quantity by Country (2019-2024) & (K Units) Table 118. Europe Automotive Sensor Sales Quantity by Country (2025-2030) & (K Units) Table 119. Europe Automotive Sensor Consumption Value by Country (2019-2024) & (USD Million) Table 120. Europe Automotive Sensor Consumption Value by Country (2025-2030) & (USD Million) Table 121. Asia-Pacific Automotive Sensor Sales Quantity by Type (2019-2024) & (K Units) Table 122. Asia-Pacific Automotive Sensor Sales Quantity by Type (2025-2030) & (K Units) Table 123. Asia-Pacific Automotive Sensor Sales Quantity by Application (2019-2024) & (K Units) Table 124. Asia-Pacific Automotive Sensor Sales Quantity by Application (2025-2030) & (K Units) Table 125. Asia-Pacific Automotive Sensor Sales Quantity by Region (2019-2024) & (K Units) Table 126. Asia-Pacific Automotive Sensor Sales Quantity by Region (2025-2030) & (K Units) Table 127. Asia-Pacific Automotive Sensor Consumption Value by Region (2019-2024) & (USD Million) Table 128. Asia-Pacific Automotive Sensor Consumption Value by Region (2025-2030) & (USD Million) Table 129. South America Automotive Sensor Sales Quantity by Type (2019-2024) & (K Units) Table 130. South America Automotive Sensor Sales Quantity by Type (2025-2030) & (K Units) Table 131. South America Automotive Sensor Sales Quantity by Application



(2019-2024) & (K Units)

Table 132. South America Automotive Sensor Sales Quantity by Application (2025-2030) & (K Units)

Table 133. South America Automotive Sensor Sales Quantity by Country (2019-2024) & (K Units)

Table 134. South America Automotive Sensor Sales Quantity by Country (2025-2030) & (K Units)

Table 135. South America Automotive Sensor Consumption Value by Country (2019-2024) & (USD Million)

Table 136. South America Automotive Sensor Consumption Value by Country (2025-2030) & (USD Million)

Table 137. Middle East & Africa Automotive Sensor Sales Quantity by Type (2019-2024) & (K Units)

Table 138. Middle East & Africa Automotive Sensor Sales Quantity by Type (2025-2030) & (K Units)

Table 139. Middle East & Africa Automotive Sensor Sales Quantity by Application (2019-2024) & (K Units)

Table 140. Middle East & Africa Automotive Sensor Sales Quantity by Application (2025-2030) & (K Units)

Table 141. Middle East & Africa Automotive Sensor Sales Quantity by Region (2019-2024) & (K Units)

Table 142. Middle East & Africa Automotive Sensor Sales Quantity by Region (2025-2030) & (K Units)

Table 143. Middle East & Africa Automotive Sensor Consumption Value by Region (2019-2024) & (USD Million)

Table 144. Middle East & Africa Automotive Sensor Consumption Value by Region (2025-2030) & (USD Million)

Table 145. Automotive Sensor Raw Material

Table 146. Key Manufacturers of Automotive Sensor Raw Materials

Table 147. Automotive Sensor Typical Distributors

 Table 148. Automotive Sensor Typical Customers



# **List Of Figures**

#### LIST OF FIGURES

Figure 1. Automotive Sensor Picture

Figure 2. Global Automotive Sensor Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

- Figure 3. Global Automotive Sensor Consumption Value Market Share by Type in 2023
- Figure 4. Pressure Sensor Examples
- Figure 5. Temperature Sensor Examples
- Figure 6. Speed Sensor Examples
- Figure 7. Position Sensor Examples
- Figure 8. Other Examples

Figure 9. Global Automotive Sensor Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Figure 10. Global Automotive Sensor Consumption Value Market Share by Application in 2023

- Figure 11. Passenger Vehicle Examples
- Figure 12. Commercial Vehicle Examples

Figure 13. Global Automotive Sensor Consumption Value, (USD Million): 2019 & 2023 & 2030

Figure 14. Global Automotive Sensor Consumption Value and Forecast (2019-2030) & (USD Million)

Figure 15. Global Automotive Sensor Sales Quantity (2019-2030) & (K Units)

Figure 16. Global Automotive Sensor Average Price (2019-2030) & (USD/Unit)

Figure 17. Global Automotive Sensor Sales Quantity Market Share by Manufacturer in 2023

Figure 18. Global Automotive Sensor Consumption Value Market Share by Manufacturer in 2023

Figure 19. Producer Shipments of Automotive Sensor by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2023

Figure 20. Top 3 Automotive Sensor Manufacturer (Consumption Value) Market Share in 2023

Figure 21. Top 6 Automotive Sensor Manufacturer (Consumption Value) Market Share in 2023

Figure 22. Global Automotive Sensor Sales Quantity Market Share by Region (2019-2030)

Figure 23. Global Automotive Sensor Consumption Value Market Share by Region (2019-2030)



Figure 24. North America Automotive Sensor Consumption Value (2019-2030) & (USD Million)

Figure 25. Europe Automotive Sensor Consumption Value (2019-2030) & (USD Million)

Figure 26. Asia-Pacific Automotive Sensor Consumption Value (2019-2030) & (USD Million)

Figure 27. South America Automotive Sensor Consumption Value (2019-2030) & (USD Million)

Figure 28. Middle East & Africa Automotive Sensor Consumption Value (2019-2030) & (USD Million)

Figure 29. Global Automotive Sensor Sales Quantity Market Share by Type (2019-2030)

Figure 30. Global Automotive Sensor Consumption Value Market Share by Type (2019-2030)

Figure 31. Global Automotive Sensor Average Price by Type (2019-2030) & (USD/Unit)

Figure 32. Global Automotive Sensor Sales Quantity Market Share by Application (2019-2030)

Figure 33. Global Automotive Sensor Consumption Value Market Share by Application (2019-2030)

Figure 34. Global Automotive Sensor Average Price by Application (2019-2030) & (USD/Unit)

Figure 35. North America Automotive Sensor Sales Quantity Market Share by Type (2019-2030)

Figure 36. North America Automotive Sensor Sales Quantity Market Share by Application (2019-2030)

Figure 37. North America Automotive Sensor Sales Quantity Market Share by Country (2019-2030)

Figure 38. North America Automotive Sensor Consumption Value Market Share by Country (2019-2030)

Figure 39. United States Automotive Sensor Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 40. Canada Automotive Sensor Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 41. Mexico Automotive Sensor Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 42. Europe Automotive Sensor Sales Quantity Market Share by Type (2019-2030)

Figure 43. Europe Automotive Sensor Sales Quantity Market Share by Application (2019-2030)

Figure 44. Europe Automotive Sensor Sales Quantity Market Share by Country



(2019-2030)

Figure 45. Europe Automotive Sensor Consumption Value Market Share by Country (2019-2030)

Figure 46. Germany Automotive Sensor Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 47. France Automotive Sensor Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 48. United Kingdom Automotive Sensor Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 49. Russia Automotive Sensor Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 50. Italy Automotive Sensor Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 51. Asia-Pacific Automotive Sensor Sales Quantity Market Share by Type (2019-2030)

Figure 52. Asia-Pacific Automotive Sensor Sales Quantity Market Share by Application (2019-2030)

Figure 53. Asia-Pacific Automotive Sensor Sales Quantity Market Share by Region (2019-2030)

Figure 54. Asia-Pacific Automotive Sensor Consumption Value Market Share by Region (2019-2030)

Figure 55. China Automotive Sensor Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 56. Japan Automotive Sensor Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 57. Korea Automotive Sensor Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 58. India Automotive Sensor Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 59. Southeast Asia Automotive Sensor Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 60. Australia Automotive Sensor Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 61. South America Automotive Sensor Sales Quantity Market Share by Type (2019-2030)

Figure 62. South America Automotive Sensor Sales Quantity Market Share by Application (2019-2030)

Figure 63. South America Automotive Sensor Sales Quantity Market Share by Country (2019-2030)



Figure 64. South America Automotive Sensor Consumption Value Market Share by Country (2019-2030)

Figure 65. Brazil Automotive Sensor Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 66. Argentina Automotive Sensor Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 67. Middle East & Africa Automotive Sensor Sales Quantity Market Share by Type (2019-2030)

Figure 68. Middle East & Africa Automotive Sensor Sales Quantity Market Share by Application (2019-2030)

Figure 69. Middle East & Africa Automotive Sensor Sales Quantity Market Share by Region (2019-2030)

Figure 70. Middle East & Africa Automotive Sensor Consumption Value Market Share by Region (2019-2030)

Figure 71. Turkey Automotive Sensor Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 72. Egypt Automotive Sensor Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 73. Saudi Arabia Automotive Sensor Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 74. South Africa Automotive Sensor Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 75. Automotive Sensor Market Drivers

Figure 76. Automotive Sensor Market Restraints

- Figure 77. Automotive Sensor Market Trends
- Figure 78. Porters Five Forces Analysis
- Figure 79. Manufacturing Cost Structure Analysis of Automotive Sensor in 2023
- Figure 80. Manufacturing Process Analysis of Automotive Sensor
- Figure 81. Automotive Sensor Industrial Chain
- Figure 82. Sales Quantity 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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