

Global Engine Management Sensors 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 Engine Management Sensors market size was valued at USD million in 2023 and is forecast to a readjusted size of USD million by 2030 with a CAGR of % during review period.

Engine Management System consists of a wide range of electronic and electrical components which comprises engine sensors, relays, and actuators that work together. They provide the car's Engine Control Unit with vital data parameters essential to govern various engine functions effectively. Generally speaking, Engine sensors are the electro-mechanical devices which monitor various engine parameters. An engine uses different types of sensors that include are Thermo-couples, Resistance Temperature Detectors (RTDs), and Hall Effect sensors.

In Latin America, Engine Management Sensors key players include Bosch, Continental, Denso, NGK, Delphi Automotive, etc. Global top five manufacturers hold a share over 70%.

Mexico is the largest market, with a share over 50%, followed by Brazil and Argentina, both have a share about 40% percent. In terms of product, Oxygen Sensors is the largest segment, with a share over 20%. And in terms of application, the largest application is Original Equipment Manufacturer, followed by Aftermarket.

The Global Info Research report includes an overview of the development of the Engine Management Sensors industry chain, the market status of OEM (Camshaft & Crankshaft Position Sensors, Oxygen Sensors), Aftermarket (Camshaft & Crankshaft Position Sensors, Oxygen Sensors), and key enterprises in developed and developing market,

and analysed the cutting-edge technology, patent, hot applications and market trends of Engine Management Sensors.

Regionally, the report analyzes the Engine Management Sensors 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 Engine Management Sensors market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Engine Management Sensors 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 Engine Management Sensors 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., Camshaft &Crankshaft Position Sensors, Oxygen Sensors).

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 Engine Management Sensors market.

Regional Analysis: The report involves examining the Engine Management Sensors 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 Engine Management Sensors market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Engine Management Sensors:

Company Analysis: Report covers individual Engine Management Sensors 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 Engine Management Sensors. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (OEM, Aftermarket).

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

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Engine Management Sensors 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

Engine Management Sensors 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

Camshaft & Crankshaft Position Sensors

Oxygen Sensors

Manifold Absolute Pressure Sensors

Mass Air Flow Sensors

Coolant Temperature Sensors

Knock Sensors

Market segment by Application

OEM

Aftermarket

Major players covered

Bosch

Continental

Denso

NGK

Delphi Automotive

Standard Motor Products

MTE-THOMSON

Gauss

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 Engine Management Sensors product scope, market overview, market estimation caveats and base year.

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

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

Chapter 4, the Engine Management Sensors 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 Engine Management Sensors 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 Engine Management Sensors.

Chapter 14 and 15, to describe Engine Management Sensors sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope of Engine Management Sensors

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Engine Management Sensors Consumption Value by Type:
2019 Versus 2023 Versus 2030

1.3.2 Camshaft & Crankshaft Position Sensors

1.3.3 Oxygen Sensors

1.3.4 Manifold Absolute Pressure Sensors

1.3.5 Mass Air Flow Sensors

1.3.6 Coolant Temperature Sensors

1.3.7 Knock Sensors

1.4 Market Analysis by Application

1.4.1 Overview: Global Engine Management Sensors Consumption Value by
Application: 2019 Versus 2023 Versus 2030

1.4.2 OEM

1.4.3 Aftermarket

1.5 Global Engine Management Sensors Market Size & Forecast

1.5.1 Global Engine Management Sensors Consumption Value (2019 & 2023 & 2030)

1.5.2 Global Engine Management Sensors Sales Quantity (2019-2030)

1.5.3 Global Engine Management Sensors Average Price (2019-2030)

2 MANUFACTURERS PROFILES

2.1 Bosch

2.1.1 Bosch Details

2.1.2 Bosch Major Business

2.1.3 Bosch Engine Management Sensors Product and Services

2.1.4 Bosch Engine Management Sensors Sales Quantity, Average Price, Revenue,
Gross Margin and Market Share (2019-2024)

2.1.5 Bosch Recent Developments/Updates

2.2 Continental

2.2.1 Continental Details

2.2.2 Continental Major Business

2.2.3 Continental Engine Management Sensors Product and Services

2.2.4 Continental Engine Management Sensors 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 Engine Management Sensors Product and Services

2.3.4 Denso Engine Management Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.3.5 Denso Recent Developments/Updates

2.4 NGK

2.4.1 NGK Details

2.4.2 NGK Major Business

2.4.3 NGK Engine Management Sensors Product and Services

2.4.4 NGK Engine Management Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.4.5 NGK Recent Developments/Updates

2.5 Delphi Automotive

2.5.1 Delphi Automotive Details

2.5.2 Delphi Automotive Major Business

2.5.3 Delphi Automotive Engine Management Sensors Product and Services

2.5.4 Delphi Automotive Engine Management Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.5.5 Delphi Automotive Recent Developments/Updates

2.6 Standard Motor Products

2.6.1 Standard Motor Products Details

2.6.2 Standard Motor Products Major Business

2.6.3 Standard Motor Products Engine Management Sensors Product and Services

2.6.4 Standard Motor Products Engine Management Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.6.5 Standard Motor Products Recent Developments/Updates

2.7 MTE-THOMSON

2.7.1 MTE-THOMSON Details

2.7.2 MTE-THOMSON Major Business

2.7.3 MTE-THOMSON Engine Management Sensors Product and Services

2.7.4 MTE-THOMSON Engine Management Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.7.5 MTE-THOMSON Recent Developments/Updates

2.8 Gauss

2.8.1 Gauss Details

- 2.8.2 Gauss Major Business
- 2.8.3 Gauss Engine Management Sensors Product and Services
- 2.8.4 Gauss Engine Management Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
- 2.8.5 Gauss Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: ENGINE MANAGEMENT SENSORS BY MANUFACTURER

- 3.1 Global Engine Management Sensors Sales Quantity by Manufacturer (2019-2024)
- 3.2 Global Engine Management Sensors Revenue by Manufacturer (2019-2024)
- 3.3 Global Engine Management Sensors Average Price by Manufacturer (2019-2024)
- 3.4 Market Share Analysis (2023)
 - 3.4.1 Producer Shipments of Engine Management Sensors by Manufacturer Revenue (\$MM) and Market Share (%): 2023
 - 3.4.2 Top 3 Engine Management Sensors Manufacturer Market Share in 2023
 - 3.4.2 Top 6 Engine Management Sensors Manufacturer Market Share in 2023
- 3.5 Engine Management Sensors Market: Overall Company Footprint Analysis
 - 3.5.1 Engine Management Sensors Market: Region Footprint
 - 3.5.2 Engine Management Sensors Market: Company Product Type Footprint
 - 3.5.3 Engine Management 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 Engine Management Sensors Market Size by Region
 - 4.1.1 Global Engine Management Sensors Sales Quantity by Region (2019-2030)
 - 4.1.2 Global Engine Management Sensors Consumption Value by Region (2019-2030)
 - 4.1.3 Global Engine Management Sensors Average Price by Region (2019-2030)
- 4.2 North America Engine Management Sensors Consumption Value (2019-2030)
- 4.3 Europe Engine Management Sensors Consumption Value (2019-2030)
- 4.4 Asia-Pacific Engine Management Sensors Consumption Value (2019-2030)
- 4.5 South America Engine Management Sensors Consumption Value (2019-2030)
- 4.6 Middle East and Africa Engine Management Sensors Consumption Value (2019-2030)

5 MARKET SEGMENT BY TYPE

- 5.1 Global Engine Management Sensors Sales Quantity by Type (2019-2030)
- 5.2 Global Engine Management Sensors Consumption Value by Type (2019-2030)
- 5.3 Global Engine Management Sensors Average Price by Type (2019-2030)

6 MARKET SEGMENT BY APPLICATION

- 6.1 Global Engine Management Sensors Sales Quantity by Application (2019-2030)
- 6.2 Global Engine Management Sensors Consumption Value by Application (2019-2030)
- 6.3 Global Engine Management Sensors Average Price by Application (2019-2030)

7 NORTH AMERICA

- 7.1 North America Engine Management Sensors Sales Quantity by Type (2019-2030)
- 7.2 North America Engine Management Sensors Sales Quantity by Application (2019-2030)
- 7.3 North America Engine Management Sensors Market Size by Country
 - 7.3.1 North America Engine Management Sensors Sales Quantity by Country (2019-2030)
 - 7.3.2 North America Engine Management Sensors 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 Engine Management Sensors Sales Quantity by Type (2019-2030)
- 8.2 Europe Engine Management Sensors Sales Quantity by Application (2019-2030)
- 8.3 Europe Engine Management Sensors Market Size by Country
 - 8.3.1 Europe Engine Management Sensors Sales Quantity by Country (2019-2030)
 - 8.3.2 Europe Engine Management Sensors 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 Engine Management Sensors Sales Quantity by Type (2019-2030)

9.2 Asia-Pacific Engine Management Sensors Sales Quantity by Application (2019-2030)

9.3 Asia-Pacific Engine Management Sensors Market Size by Region

9.3.1 Asia-Pacific Engine Management Sensors Sales Quantity by Region (2019-2030)

9.3.2 Asia-Pacific Engine Management Sensors 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 Engine Management Sensors Sales Quantity by Type (2019-2030)

10.2 South America Engine Management Sensors Sales Quantity by Application (2019-2030)

10.3 South America Engine Management Sensors Market Size by Country

10.3.1 South America Engine Management Sensors Sales Quantity by Country (2019-2030)

10.3.2 South America Engine Management Sensors 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 Engine Management Sensors Sales Quantity by Type (2019-2030)

11.2 Middle East & Africa Engine Management Sensors Sales Quantity by Application (2019-2030)

11.3 Middle East & Africa Engine Management Sensors Market Size by Country

11.3.1 Middle East & Africa Engine Management Sensors Sales Quantity by Country (2019-2030)

11.3.2 Middle East & Africa Engine Management Sensors 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 Engine Management Sensors Market Drivers

12.2 Engine Management Sensors Market Restraints

12.3 Engine Management 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 Engine Management Sensors and Key Manufacturers

13.2 Manufacturing Costs Percentage of Engine Management Sensors

13.3 Engine Management Sensors Production Process

13.4 Engine Management Sensors Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Engine Management Sensors Typical Distributors

14.3 Engine Management 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 Engine Management Sensors Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Table 2. Global Engine Management Sensors Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Table 3. Bosch Basic Information, Manufacturing Base and Competitors

Table 4. Bosch Major Business

Table 5. Bosch Engine Management Sensors Product and Services

Table 6. Bosch Engine Management Sensors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 7. Bosch Recent Developments/Updates

Table 8. Continental Basic Information, Manufacturing Base and Competitors

Table 9. Continental Major Business

Table 10. Continental Engine Management Sensors Product and Services

Table 11. Continental Engine Management Sensors Sales Quantity (K Units), Average Price (US\$/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 Engine Management Sensors Product and Services

Table 16. Denso Engine Management Sensors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 17. Denso Recent Developments/Updates

Table 18. NGK Basic Information, Manufacturing Base and Competitors

Table 19. NGK Major Business

Table 20. NGK Engine Management Sensors Product and Services

Table 21. NGK Engine Management Sensors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 22. NGK Recent Developments/Updates

Table 23. Delphi Automotive Basic Information, Manufacturing Base and Competitors

Table 24. Delphi Automotive Major Business

Table 25. Delphi Automotive Engine Management Sensors Product and Services

Table 26. Delphi Automotive Engine Management Sensors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 27. Delphi Automotive Recent Developments/Updates

- Table 28. Standard Motor Products Basic Information, Manufacturing Base and Competitors
- Table 29. Standard Motor Products Major Business
- Table 30. Standard Motor Products Engine Management Sensors Product and Services
- Table 31. Standard Motor Products Engine Management Sensors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 32. Standard Motor Products Recent Developments/Updates
- Table 33. MTE-THOMSON Basic Information, Manufacturing Base and Competitors
- Table 34. MTE-THOMSON Major Business
- Table 35. MTE-THOMSON Engine Management Sensors Product and Services
- Table 36. MTE-THOMSON Engine Management Sensors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 37. MTE-THOMSON Recent Developments/Updates
- Table 38. Gauss Basic Information, Manufacturing Base and Competitors
- Table 39. Gauss Major Business
- Table 40. Gauss Engine Management Sensors Product and Services
- Table 41. Gauss Engine Management Sensors Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 42. Gauss Recent Developments/Updates
- Table 43. Global Engine Management Sensors Sales Quantity by Manufacturer (2019-2024) & (K Units)
- Table 44. Global Engine Management Sensors Revenue by Manufacturer (2019-2024) & (USD Million)
- Table 45. Global Engine Management Sensors Average Price by Manufacturer (2019-2024) & (US\$/Unit)
- Table 46. Market Position of Manufacturers in Engine Management Sensors, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2023
- Table 47. Head Office and Engine Management Sensors Production Site of Key Manufacturer
- Table 48. Engine Management Sensors Market: Company Product Type Footprint
- Table 49. Engine Management Sensors Market: Company Product Application Footprint
- Table 50. Engine Management Sensors New Market Entrants and Barriers to Market Entry
- Table 51. Engine Management Sensors Mergers, Acquisition, Agreements, and Collaborations
- Table 52. Global Engine Management Sensors Sales Quantity by Region (2019-2024) & (K Units)

Table 53. Global Engine Management Sensors Sales Quantity by Region (2025-2030) & (K Units)

Table 54. Global Engine Management Sensors Consumption Value by Region (2019-2024) & (USD Million)

Table 55. Global Engine Management Sensors Consumption Value by Region (2025-2030) & (USD Million)

Table 56. Global Engine Management Sensors Average Price by Region (2019-2024) & (US\$/Unit)

Table 57. Global Engine Management Sensors Average Price by Region (2025-2030) & (US\$/Unit)

Table 58. Global Engine Management Sensors Sales Quantity by Type (2019-2024) & (K Units)

Table 59. Global Engine Management Sensors Sales Quantity by Type (2025-2030) & (K Units)

Table 60. Global Engine Management Sensors Consumption Value by Type (2019-2024) & (USD Million)

Table 61. Global Engine Management Sensors Consumption Value by Type (2025-2030) & (USD Million)

Table 62. Global Engine Management Sensors Average Price by Type (2019-2024) & (US\$/Unit)

Table 63. Global Engine Management Sensors Average Price by Type (2025-2030) & (US\$/Unit)

Table 64. Global Engine Management Sensors Sales Quantity by Application (2019-2024) & (K Units)

Table 65. Global Engine Management Sensors Sales Quantity by Application (2025-2030) & (K Units)

Table 66. Global Engine Management Sensors Consumption Value by Application (2019-2024) & (USD Million)

Table 67. Global Engine Management Sensors Consumption Value by Application (2025-2030) & (USD Million)

Table 68. Global Engine Management Sensors Average Price by Application (2019-2024) & (US\$/Unit)

Table 69. Global Engine Management Sensors Average Price by Application (2025-2030) & (US\$/Unit)

Table 70. North America Engine Management Sensors Sales Quantity by Type (2019-2024) & (K Units)

Table 71. North America Engine Management Sensors Sales Quantity by Type (2025-2030) & (K Units)

Table 72. North America Engine Management Sensors Sales Quantity by Application

(2019-2024) & (K Units)

Table 73. North America Engine Management Sensors Sales Quantity by Application (2025-2030) & (K Units)

Table 74. North America Engine Management Sensors Sales Quantity by Country (2019-2024) & (K Units)

Table 75. North America Engine Management Sensors Sales Quantity by Country (2025-2030) & (K Units)

Table 76. North America Engine Management Sensors Consumption Value by Country (2019-2024) & (USD Million)

Table 77. North America Engine Management Sensors Consumption Value by Country (2025-2030) & (USD Million)

Table 78. Europe Engine Management Sensors Sales Quantity by Type (2019-2024) & (K Units)

Table 79. Europe Engine Management Sensors Sales Quantity by Type (2025-2030) & (K Units)

Table 80. Europe Engine Management Sensors Sales Quantity by Application (2019-2024) & (K Units)

Table 81. Europe Engine Management Sensors Sales Quantity by Application (2025-2030) & (K Units)

Table 82. Europe Engine Management Sensors Sales Quantity by Country (2019-2024) & (K Units)

Table 83. Europe Engine Management Sensors Sales Quantity by Country (2025-2030) & (K Units)

Table 84. Europe Engine Management Sensors Consumption Value by Country (2019-2024) & (USD Million)

Table 85. Europe Engine Management Sensors Consumption Value by Country (2025-2030) & (USD Million)

Table 86. Asia-Pacific Engine Management Sensors Sales Quantity by Type (2019-2024) & (K Units)

Table 87. Asia-Pacific Engine Management Sensors Sales Quantity by Type (2025-2030) & (K Units)

Table 88. Asia-Pacific Engine Management Sensors Sales Quantity by Application (2019-2024) & (K Units)

Table 89. Asia-Pacific Engine Management Sensors Sales Quantity by Application (2025-2030) & (K Units)

Table 90. Asia-Pacific Engine Management Sensors Sales Quantity by Region (2019-2024) & (K Units)

Table 91. Asia-Pacific Engine Management Sensors Sales Quantity by Region (2025-2030) & (K Units)

Table 92. Asia-Pacific Engine Management Sensors Consumption Value by Region (2019-2024) & (USD Million)

Table 93. Asia-Pacific Engine Management Sensors Consumption Value by Region (2025-2030) & (USD Million)

Table 94. South America Engine Management Sensors Sales Quantity by Type (2019-2024) & (K Units)

Table 95. South America Engine Management Sensors Sales Quantity by Type (2025-2030) & (K Units)

Table 96. South America Engine Management Sensors Sales Quantity by Application (2019-2024) & (K Units)

Table 97. South America Engine Management Sensors Sales Quantity by Application (2025-2030) & (K Units)

Table 98. South America Engine Management Sensors Sales Quantity by Country (2019-2024) & (K Units)

Table 99. South America Engine Management Sensors Sales Quantity by Country (2025-2030) & (K Units)

Table 100. South America Engine Management Sensors Consumption Value by Country (2019-2024) & (USD Million)

Table 101. South America Engine Management Sensors Consumption Value by Country (2025-2030) & (USD Million)

Table 102. Middle East & Africa Engine Management Sensors Sales Quantity by Type (2019-2024) & (K Units)

Table 103. Middle East & Africa Engine Management Sensors Sales Quantity by Type (2025-2030) & (K Units)

Table 104. Middle East & Africa Engine Management Sensors Sales Quantity by Application (2019-2024) & (K Units)

Table 105. Middle East & Africa Engine Management Sensors Sales Quantity by Application (2025-2030) & (K Units)

Table 106. Middle East & Africa Engine Management Sensors Sales Quantity by Region (2019-2024) & (K Units)

Table 107. Middle East & Africa Engine Management Sensors Sales Quantity by Region (2025-2030) & (K Units)

Table 108. Middle East & Africa Engine Management Sensors Consumption Value by Region (2019-2024) & (USD Million)

Table 109. Middle East & Africa Engine Management Sensors Consumption Value by Region (2025-2030) & (USD Million)

Table 110. Engine Management Sensors Raw Material

Table 111. Key Manufacturers of Engine Management Sensors Raw Materials

Table 112. Engine Management Sensors Typical Distributors

Table 113. Engine Management Sensors Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. Engine Management Sensors Picture

Figure 2. Global Engine Management Sensors Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Figure 3. Global Engine Management Sensors Consumption Value Market Share by Type in 2023

Figure 4. Camshaft & Crankshaft Position Sensors Examples

Figure 5. Oxygen Sensors Examples

Figure 6. Manifold Absolute Pressure Sensors Examples

Figure 7. Mass Air Flow Sensors Examples

Figure 8. Coolant Temperature Sensors Examples

Figure 9. Knock Sensors Examples

Figure 10. Global Engine Management Sensors Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Figure 11. Global Engine Management Sensors Consumption Value Market Share by Application in 2023

Figure 12. OEM Examples

Figure 13. Aftermarket Examples

Figure 14. Global Engine Management Sensors Consumption Value, (USD Million): 2019 & 2023 & 2030

Figure 15. Global Engine Management Sensors Consumption Value and Forecast (2019-2030) & (USD Million)

Figure 16. Global Engine Management Sensors Sales Quantity (2019-2030) & (K Units)

Figure 17. Global Engine Management Sensors Average Price (2019-2030) & (US\$/Unit)

Figure 18. Global Engine Management Sensors Sales Quantity Market Share by Manufacturer in 2023

Figure 19. Global Engine Management Sensors Consumption Value Market Share by Manufacturer in 2023

Figure 20. Producer Shipments of Engine Management Sensors by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2023

Figure 21. Top 3 Engine Management Sensors Manufacturer (Consumption Value) Market Share in 2023

Figure 22. Top 6 Engine Management Sensors Manufacturer (Consumption Value) Market Share in 2023

Figure 23. Global Engine Management Sensors Sales Quantity Market Share by Region

(2019-2030)

Figure 24. Global Engine Management Sensors Consumption Value Market Share by Region (2019-2030)

Figure 25. North America Engine Management Sensors Consumption Value (2019-2030) & (USD Million)

Figure 26. Europe Engine Management Sensors Consumption Value (2019-2030) & (USD Million)

Figure 27. Asia-Pacific Engine Management Sensors Consumption Value (2019-2030) & (USD Million)

Figure 28. South America Engine Management Sensors Consumption Value (2019-2030) & (USD Million)

Figure 29. Middle East & Africa Engine Management Sensors Consumption Value (2019-2030) & (USD Million)

Figure 30. Global Engine Management Sensors Sales Quantity Market Share by Type (2019-2030)

Figure 31. Global Engine Management Sensors Consumption Value Market Share by Type (2019-2030)

Figure 32. Global Engine Management Sensors Average Price by Type (2019-2030) & (US\$/Unit)

Figure 33. Global Engine Management Sensors Sales Quantity Market Share by Application (2019-2030)

Figure 34. Global Engine Management Sensors Consumption Value Market Share by Application (2019-2030)

Figure 35. Global Engine Management Sensors Average Price by Application (2019-2030) & (US\$/Unit)

Figure 36. North America Engine Management Sensors Sales Quantity Market Share by Type (2019-2030)

Figure 37. North America Engine Management Sensors Sales Quantity Market Share by Application (2019-2030)

Figure 38. North America Engine Management Sensors Sales Quantity Market Share by Country (2019-2030)

Figure 39. North America Engine Management Sensors Consumption Value Market Share by Country (2019-2030)

Figure 40. United States Engine Management Sensors Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 41. Canada Engine Management Sensors Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 42. Mexico Engine Management Sensors Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 43. Europe Engine Management Sensors Sales Quantity Market Share by Type (2019-2030)

Figure 44. Europe Engine Management Sensors Sales Quantity Market Share by Application (2019-2030)

Figure 45. Europe Engine Management Sensors Sales Quantity Market Share by Country (2019-2030)

Figure 46. Europe Engine Management Sensors Consumption Value Market Share by Country (2019-2030)

Figure 47. Germany Engine Management Sensors Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 48. France Engine Management Sensors Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 49. United Kingdom Engine Management Sensors Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 50. Russia Engine Management Sensors Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 51. Italy Engine Management Sensors Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 52. Asia-Pacific Engine Management Sensors Sales Quantity Market Share by Type (2019-2030)

Figure 53. Asia-Pacific Engine Management Sensors Sales Quantity Market Share by Application (2019-2030)

Figure 54. Asia-Pacific Engine Management Sensors Sales Quantity Market Share by Region (2019-2030)

Figure 55. Asia-Pacific Engine Management Sensors Consumption Value Market Share by Region (2019-2030)

Figure 56. China Engine Management Sensors Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 57. Japan Engine Management Sensors Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 58. Korea Engine Management Sensors Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 59. India Engine Management Sensors Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 60. Southeast Asia Engine Management Sensors Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 61. Australia Engine Management Sensors Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 62. South America Engine Management Sensors Sales Quantity Market Share

by Type (2019-2030)

Figure 63. South America Engine Management Sensors Sales Quantity Market Share by Application (2019-2030)

Figure 64. South America Engine Management Sensors Sales Quantity Market Share by Country (2019-2030)

Figure 65. South America Engine Management Sensors Consumption Value Market Share by Country (2019-2030)

Figure 66. Brazil Engine Management Sensors Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 67. Argentina Engine Management Sensors Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 68. Middle East & Africa Engine Management Sensors Sales Quantity Market Share by Type (2019-2030)

Figure 69. Middle East & Africa Engine Management Sensors Sales Quantity Market Share by Application (2019-2030)

Figure 70. Middle East & Africa Engine Management Sensors Sales Quantity Market Share by Region (2019-2030)

Figure 71. Middle East & Africa Engine Management Sensors Consumption Value Market Share by Region (2019-2030)

Figure 72. Turkey Engine Management Sensors Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 73. Egypt Engine Management Sensors Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 74. Saudi Arabia Engine Management Sensors Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 75. South Africa Engine Management Sensors Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 76. Engine Management Sensors Market Drivers

Figure 77. Engine Management Sensors Market Restraints

Figure 78. Engine Management Sensors Market Trends

Figure 79. Porters Five Forces Analysis

Figure 80. Manufacturing Cost Structure Analysis of Engine Management Sensors in 2023

Figure 81. Manufacturing Process Analysis of Engine Management Sensors

Figure 82. Engine Management Sensors Industrial Chain

Figure 83. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 84. Direct Channel Pros & Cons

Figure 85. Indirect Channel Pros & Cons

Figure 86. Methodology

Figure 87. Research Process and Data Source

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