

# Global Temperature 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 Temperature Sensor market size was valued at USD 5735.6 million in 2023 and is forecast to a readjusted size of USD 8027 million by 2030 with a CAGR of 4.9% during review period.

The key players of Temperature Sensor include Sensata, Amphenol and Texas Instruments, etc. The top three players hold a share over 11%. Asia Pacific is the largest market, has a share about 61%. In terms of product type, Contact Type Temperature Sensor is the largest segment, occupied for a share of about 85%, and for application ,and in terms of application, Consumer Electronics has a share about 33%.

The Global Info Research report includes an overview of the development of the Temperature Sensor industry chain, the market status of Consumer Electronics (Contact Type Temperature Sensor, Non-contact Type Temperature Sensor), Medical Instruments (Contact Type Temperature Sensor, Non-contact Type Temperature Sensor), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Temperature Sensor.

Regionally, the report analyzes the Temperature 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 Temperature Sensor market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Temperature 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 Temperature 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 (M Units), revenue generated, and market share of different by Type (e.g., Contact Type Temperature Sensor, Non-contact Type 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 Temperature Sensor market.

**Regional Analysis:** The report involves examining the Temperature 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 Temperature 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 Temperature Sensor:

**Company Analysis:** Report covers individual Temperature 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 Temperature Sensor This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Consumer Electronics, Medical Instruments).

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

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Temperature 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

Temperature 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

Contact Type Temperature Sensor

Non-contact Type Temperature Sensor

#### Market segment by Application

Consumer Electronics

Medical Instruments

Automobile

Home Appliances

Industrial Equipment

Others

## Major players covered

Sensata

Amphenol

Texas Instruments

TDK

STMicroelectronics

Shenzhen Ampron Technology

Huagong Tech Company

Shibaura Electronics

TE Connectivity

Thinking

Semitec

Bosch

Denso

Continental

HELLA GmbH

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

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

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

Chapter 4, the Temperature 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 Temperature 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 Temperature Sensor.

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

## Contents

### 1 MARKET OVERVIEW

1.1 Product Overview and Scope of Temperature Sensor

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

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

1.3.2 Contact Type Temperature Sensor

1.3.3 Non-contact Type Temperature Sensor

1.4 Market Analysis by Application

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

1.4.2 Consumer Electronics

1.4.3 Medical Instruments

1.4.4 Automobile

1.4.5 Home Appliances

1.4.6 Industrial Equipment

1.4.7 Others

1.5 Global Temperature Sensor Market Size & Forecast

1.5.1 Global Temperature Sensor Consumption Value (2019 & 2023 & 2030)

1.5.2 Global Temperature Sensor Sales Quantity (2019-2030)

1.5.3 Global Temperature Sensor Average Price (2019-2030)

### 2 MANUFACTURERS PROFILES

2.1 Sensata

2.1.1 Sensata Details

2.1.2 Sensata Major Business

2.1.3 Sensata Temperature Sensor Product and Services

2.1.4 Sensata Temperature Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.1.5 Sensata Recent Developments/Updates

2.2 Amphenol

2.2.1 Amphenol Details

2.2.2 Amphenol Major Business

2.2.3 Amphenol Temperature Sensor Product and Services

2.2.4 Amphenol Temperature Sensor Sales Quantity, Average Price, Revenue, Gross

## Margin and Market Share (2019-2024)

### 2.2.5 Amphenol Recent Developments/Updates

## 2.3 Texas Instruments

### 2.3.1 Texas Instruments Details

### 2.3.2 Texas Instruments Major Business

### 2.3.3 Texas Instruments Temperature Sensor Product and Services

### 2.3.4 Texas Instruments Temperature Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.3.5 Texas Instruments Recent Developments/Updates

## 2.4 TDK

### 2.4.1 TDK Details

### 2.4.2 TDK Major Business

### 2.4.3 TDK Temperature Sensor Product and Services

### 2.4.4 TDK Temperature Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.4.5 TDK Recent Developments/Updates

## 2.5 STMicroelectronics

### 2.5.1 STMicroelectronics Details

### 2.5.2 STMicroelectronics Major Business

### 2.5.3 STMicroelectronics Temperature Sensor Product and Services

### 2.5.4 STMicroelectronics Temperature Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.5.5 STMicroelectronics Recent Developments/Updates

## 2.6 Shenzhen Ampron Technology

### 2.6.1 Shenzhen Ampron Technology Details

### 2.6.2 Shenzhen Ampron Technology Major Business

### 2.6.3 Shenzhen Ampron Technology Temperature Sensor Product and Services

### 2.6.4 Shenzhen Ampron Technology Temperature Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.6.5 Shenzhen Ampron Technology Recent Developments/Updates

## 2.7 Huagong Tech Company

### 2.7.1 Huagong Tech Company Details

### 2.7.2 Huagong Tech Company Major Business

### 2.7.3 Huagong Tech Company Temperature Sensor Product and Services

### 2.7.4 Huagong Tech Company Temperature Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.7.5 Huagong Tech Company Recent Developments/Updates

## 2.8 Shibaura Electronics

### 2.8.1 Shibaura Electronics Details



- 2.8.2 Shibaura Electronics Major Business
- 2.8.3 Shibaura Electronics Temperature Sensor Product and Services
- 2.8.4 Shibaura Electronics Temperature Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
- 2.8.5 Shibaura Electronics Recent Developments/Updates
- 2.9 TE Connectivity
  - 2.9.1 TE Connectivity Details
  - 2.9.2 TE Connectivity Major Business
  - 2.9.3 TE Connectivity Temperature Sensor Product and Services
  - 2.9.4 TE Connectivity Temperature Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.9.5 TE Connectivity Recent Developments/Updates
- 2.10 Thinking
  - 2.10.1 Thinking Details
  - 2.10.2 Thinking Major Business
  - 2.10.3 Thinking Temperature Sensor Product and Services
  - 2.10.4 Thinking Temperature Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.10.5 Thinking Recent Developments/Updates
- 2.11 Semitec
  - 2.11.1 Semitec Details
  - 2.11.2 Semitec Major Business
  - 2.11.3 Semitec Temperature Sensor Product and Services
  - 2.11.4 Semitec Temperature Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.11.5 Semitec Recent Developments/Updates
- 2.12 Bosch
  - 2.12.1 Bosch Details
  - 2.12.2 Bosch Major Business
  - 2.12.3 Bosch Temperature Sensor Product and Services
  - 2.12.4 Bosch Temperature Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.12.5 Bosch Recent Developments/Updates
- 2.13 Denso
  - 2.13.1 Denso Details
  - 2.13.2 Denso Major Business
  - 2.13.3 Denso Temperature Sensor Product and Services
  - 2.13.4 Denso Temperature Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

- 2.13.5 Denso Recent Developments/Updates
- 2.14 Continental
  - 2.14.1 Continental Details
  - 2.14.2 Continental Major Business
  - 2.14.3 Continental Temperature Sensor Product and Services
  - 2.14.4 Continental Temperature Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.14.5 Continental Recent Developments/Updates
- 2.15 HELLA GmbH
  - 2.15.1 HELLA GmbH Details
  - 2.15.2 HELLA GmbH Major Business
  - 2.15.3 HELLA GmbH Temperature Sensor Product and Services
  - 2.15.4 HELLA GmbH Temperature Sensor Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.15.5 HELLA GmbH Recent Developments/Updates

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

- 3.1 Global Temperature Sensor Sales Quantity by Manufacturer (2019-2024)
- 3.2 Global Temperature Sensor Revenue by Manufacturer (2019-2024)
- 3.3 Global Temperature Sensor Average Price by Manufacturer (2019-2024)
- 3.4 Market Share Analysis (2023)
  - 3.4.1 Producer Shipments of Temperature Sensor by Manufacturer Revenue (\$MM) and Market Share (%): 2023
  - 3.4.2 Top 3 Temperature Sensor Manufacturer Market Share in 2023
  - 3.4.2 Top 6 Temperature Sensor Manufacturer Market Share in 2023
- 3.5 Temperature Sensor Market: Overall Company Footprint Analysis
  - 3.5.1 Temperature Sensor Market: Region Footprint
  - 3.5.2 Temperature Sensor Market: Company Product Type Footprint
  - 3.5.3 Temperature 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 Temperature Sensor Market Size by Region
  - 4.1.1 Global Temperature Sensor Sales Quantity by Region (2019-2030)
  - 4.1.2 Global Temperature Sensor Consumption Value by Region (2019-2030)
  - 4.1.3 Global Temperature Sensor Average Price by Region (2019-2030)

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

## **5 MARKET SEGMENT BY TYPE**

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

## **6 MARKET SEGMENT BY APPLICATION**

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

## **7 NORTH AMERICA**

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

9.2 Asia-Pacific Temperature Sensor Sales Quantity by Application (2019-2030)

9.3 Asia-Pacific Temperature Sensor Market Size by Region

9.3.1 Asia-Pacific Temperature Sensor Sales Quantity by Region (2019-2030)

9.3.2 Asia-Pacific Temperature 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 Temperature Sensor Sales Quantity by Type (2019-2030)

10.2 South America Temperature Sensor Sales Quantity by Application (2019-2030)

10.3 South America Temperature Sensor Market Size by Country

10.3.1 South America Temperature Sensor Sales Quantity by Country (2019-2030)

10.3.2 South America Temperature 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 Temperature Sensor Sales Quantity by Type (2019-2030)

11.2 Middle East & Africa Temperature Sensor Sales Quantity by Application  
(2019-2030)

11.3 Middle East & Africa Temperature Sensor Market Size by Country

11.3.1 Middle East & Africa Temperature Sensor Sales Quantity by Country  
(2019-2030)

11.3.2 Middle East & Africa Temperature 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 Temperature Sensor Market Drivers
- 12.2 Temperature Sensor Market Restraints
- 12.3 Temperature 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 Temperature Sensor and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Temperature Sensor
- 13.3 Temperature Sensor Production Process
- 13.4 Temperature 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 Temperature Sensor Typical Distributors
- 14.3 Temperature 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 Temperature Sensor Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Table 2. Global Temperature Sensor Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Table 3. Sensata Basic Information, Manufacturing Base and Competitors

Table 4. Sensata Major Business

Table 5. Sensata Temperature Sensor Product and Services

Table 6. Sensata Temperature Sensor Sales Quantity (M Units), Average Price (US\$/K Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 7. Sensata Recent Developments/Updates

Table 8. Amphenol Basic Information, Manufacturing Base and Competitors

Table 9. Amphenol Major Business

Table 10. Amphenol Temperature Sensor Product and Services

Table 11. Amphenol Temperature Sensor Sales Quantity (M Units), Average Price (US\$/K Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 12. Amphenol Recent Developments/Updates

Table 13. Texas Instruments Basic Information, Manufacturing Base and Competitors

Table 14. Texas Instruments Major Business

Table 15. Texas Instruments Temperature Sensor Product and Services

Table 16. Texas Instruments Temperature Sensor Sales Quantity (M Units), Average Price (US\$/K Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 17. Texas Instruments Recent Developments/Updates

Table 18. TDK Basic Information, Manufacturing Base and Competitors

Table 19. TDK Major Business

Table 20. TDK Temperature Sensor Product and Services

Table 21. TDK Temperature Sensor Sales Quantity (M Units), Average Price (US\$/K Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 22. TDK Recent Developments/Updates

Table 23. STMicroelectronics Basic Information, Manufacturing Base and Competitors

Table 24. STMicroelectronics Major Business

Table 25. STMicroelectronics Temperature Sensor Product and Services

Table 26. STMicroelectronics Temperature Sensor Sales Quantity (M Units), Average Price (US\$/K Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)



Table 27. STMicroelectronics Recent Developments/Updates

Table 28. Shenzhen Ampron Technology Basic Information, Manufacturing Base and Competitors

Table 29. Shenzhen Ampron Technology Major Business

Table 30. Shenzhen Ampron Technology Temperature Sensor Product and Services

Table 31. Shenzhen Ampron Technology Temperature Sensor Sales Quantity (M Units), Average Price (US\$/K Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 32. Shenzhen Ampron Technology Recent Developments/Updates

Table 33. Huagong Tech Company Basic Information, Manufacturing Base and Competitors

Table 34. Huagong Tech Company Major Business

Table 35. Huagong Tech Company Temperature Sensor Product and Services

Table 36. Huagong Tech Company Temperature Sensor Sales Quantity (M Units), Average Price (US\$/K Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 37. Huagong Tech Company Recent Developments/Updates

Table 38. Shibaura Electronics Basic Information, Manufacturing Base and Competitors

Table 39. Shibaura Electronics Major Business

Table 40. Shibaura Electronics Temperature Sensor Product and Services

Table 41. Shibaura Electronics Temperature Sensor Sales Quantity (M Units), Average Price (US\$/K Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 42. Shibaura Electronics Recent Developments/Updates

Table 43. TE Connectivity Basic Information, Manufacturing Base and Competitors

Table 44. TE Connectivity Major Business

Table 45. TE Connectivity Temperature Sensor Product and Services

Table 46. TE Connectivity Temperature Sensor Sales Quantity (M Units), Average Price (US\$/K Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 47. TE Connectivity Recent Developments/Updates

Table 48. Thinking Basic Information, Manufacturing Base and Competitors

Table 49. Thinking Major Business

Table 50. Thinking Temperature Sensor Product and Services

Table 51. Thinking Temperature Sensor Sales Quantity (M Units), Average Price (US\$/K Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 52. Thinking Recent Developments/Updates

Table 53. Semitec Basic Information, Manufacturing Base and Competitors

Table 54. Semitec Major Business

Table 55. Semitec Temperature Sensor Product and Services

Table 56. Semitec Temperature Sensor Sales Quantity (M Units), Average Price (US\$/K Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 57. Semitec Recent Developments/Updates

Table 58. Bosch Basic Information, Manufacturing Base and Competitors

Table 59. Bosch Major Business

Table 60. Bosch Temperature Sensor Product and Services

Table 61. Bosch Temperature Sensor Sales Quantity (M Units), Average Price (US\$/K Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 62. Bosch Recent Developments/Updates

Table 63. Denso Basic Information, Manufacturing Base and Competitors

Table 64. Denso Major Business

Table 65. Denso Temperature Sensor Product and Services

Table 66. Denso Temperature Sensor Sales Quantity (M Units), Average Price (US\$/K Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 67. Denso Recent Developments/Updates

Table 68. Continental Basic Information, Manufacturing Base and Competitors

Table 69. Continental Major Business

Table 70. Continental Temperature Sensor Product and Services

Table 71. Continental Temperature Sensor Sales Quantity (M Units), Average Price (US\$/K Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 72. Continental Recent Developments/Updates

Table 73. HELLA GmbH Basic Information, Manufacturing Base and Competitors

Table 74. HELLA GmbH Major Business

Table 75. HELLA GmbH Temperature Sensor Product and Services

Table 76. HELLA GmbH Temperature Sensor Sales Quantity (M Units), Average Price (US\$/K Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 77. HELLA GmbH Recent Developments/Updates

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

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

Table 80. Global Temperature Sensor Average Price by Manufacturer (2019-2024) & (US\$/K Unit)

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

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

Table 83. Temperature Sensor Market: Company Product Type Footprint

Table 84. Temperature Sensor Market: Company Product Application Footprint

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



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

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

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

Table 89. Global Temperature Sensor Consumption Value by Region (2019-2024) & (USD Million)

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

Table 91. Global Temperature Sensor Average Price by Region (2019-2024) & (US\$/K Unit)

Table 92. Global Temperature Sensor Average Price by Region (2025-2030) & (US\$/K Unit)

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

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

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

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

Table 97. Global Temperature Sensor Average Price by Type (2019-2024) & (US\$/K Unit)

Table 98. Global Temperature Sensor Average Price by Type (2025-2030) & (US\$/K Unit)

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

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

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

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

Table 103. Global Temperature Sensor Average Price by Application (2019-2024) & (US\$/K Unit)

Table 104. Global Temperature Sensor Average Price by Application (2025-2030) & (US\$/K Unit)

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

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

Table 107. North America Temperature Sensor Sales Quantity by Application (2019-2024) & (M Units)

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

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

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

Table 111. North America Temperature Sensor Consumption Value by Country (2019-2024) & (USD Million)

Table 112. North America Temperature Sensor Consumption Value by Country (2025-2030) & (USD Million)

Table 113. Europe Temperature Sensor Sales Quantity by Type (2019-2024) & (M Units)

Table 114. Europe Temperature Sensor Sales Quantity by Type (2025-2030) & (M Units)

Table 115. Europe Temperature Sensor Sales Quantity by Application (2019-2024) & (M Units)

Table 116. Europe Temperature Sensor Sales Quantity by Application (2025-2030) & (M Units)

Table 117. Europe Temperature Sensor Sales Quantity by Country (2019-2024) & (M Units)

Table 118. Europe Temperature Sensor Sales Quantity by Country (2025-2030) & (M Units)

Table 119. Europe Temperature Sensor Consumption Value by Country (2019-2024) & (USD Million)

Table 120. Europe Temperature Sensor Consumption Value by Country (2025-2030) & (USD Million)

Table 121. Asia-Pacific Temperature Sensor Sales Quantity by Type (2019-2024) & (M Units)

Table 122. Asia-Pacific Temperature Sensor Sales Quantity by Type (2025-2030) & (M Units)

Table 123. Asia-Pacific Temperature Sensor Sales Quantity by Application (2019-2024) & (M Units)

Table 124. Asia-Pacific Temperature Sensor Sales Quantity by Application (2025-2030) & (M Units)

Table 125. Asia-Pacific Temperature Sensor Sales Quantity by Region (2019-2024) & (M Units)

Table 126. Asia-Pacific Temperature Sensor Sales Quantity by Region (2025-2030) &

(M Units)

Table 127. Asia-Pacific Temperature Sensor Consumption Value by Region (2019-2024) & (USD Million)

Table 128. Asia-Pacific Temperature Sensor Consumption Value by Region (2025-2030) & (USD Million)

Table 129. South America Temperature Sensor Sales Quantity by Type (2019-2024) & (M Units)

Table 130. South America Temperature Sensor Sales Quantity by Type (2025-2030) & (M Units)

Table 131. South America Temperature Sensor Sales Quantity by Application (2019-2024) & (M Units)

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

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

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

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

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

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

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

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

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

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

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

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

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

Table 145. Temperature Sensor Raw Material

Table 146. Key Manufacturers of Temperature Sensor Raw Materials

Table 147. Temperature Sensor Typical Distributors

Table 148. Temperature Sensor Typical Customers

## List Of Figures

### LIST OF FIGURES

Figure 1. Temperature Sensor Picture

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

Figure 3. Global Temperature Sensor Consumption Value Market Share by Type in 2023

Figure 4. Contact Type Temperature Sensor Examples

Figure 5. Non-contact Type Temperature Sensor Examples

Figure 6. Global Temperature Sensor Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Figure 7. Global Temperature Sensor Consumption Value Market Share by Application in 2023

Figure 8. Consumer Electronics Examples

Figure 9. Medical Instruments Examples

Figure 10. Automobile Examples

Figure 11. Home Appliances Examples

Figure 12. Industrial Equipment Examples

Figure 13. Others Examples

Figure 14. Global Temperature Sensor Consumption Value, (USD Million): 2019 & 2023 & 2030

Figure 15. Global Temperature Sensor Consumption Value and Forecast (2019-2030) & (USD Million)

Figure 16. Global Temperature Sensor Sales Quantity (2019-2030) & (M Units)

Figure 17. Global Temperature Sensor Average Price (2019-2030) & (US\$/K Unit)

Figure 18. Global Temperature Sensor Sales Quantity Market Share by Manufacturer in 2023

Figure 19. Global Temperature Sensor Consumption Value Market Share by Manufacturer in 2023

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

Figure 21. Top 3 Temperature Sensor Manufacturer (Consumption Value) Market Share in 2023

Figure 22. Top 6 Temperature Sensor Manufacturer (Consumption Value) Market Share in 2023

Figure 23. Global Temperature Sensor Sales Quantity Market Share by Region (2019-2030)

Figure 24. Global Temperature Sensor Consumption Value Market Share by Region (2019-2030)

Figure 25. North America Temperature Sensor Consumption Value (2019-2030) & (USD Million)

Figure 26. Europe Temperature Sensor Consumption Value (2019-2030) & (USD Million)

Figure 27. Asia-Pacific Temperature Sensor Consumption Value (2019-2030) & (USD Million)

Figure 28. South America Temperature Sensor Consumption Value (2019-2030) & (USD Million)

Figure 29. Middle East & Africa Temperature Sensor Consumption Value (2019-2030) & (USD Million)

Figure 30. Global Temperature Sensor Sales Quantity Market Share by Type (2019-2030)

Figure 31. Global Temperature Sensor Consumption Value Market Share by Type (2019-2030)

Figure 32. Global Temperature Sensor Average Price by Type (2019-2030) & (US\$/K Unit)

Figure 33. Global Temperature Sensor Sales Quantity Market Share by Application (2019-2030)

Figure 34. Global Temperature Sensor Consumption Value Market Share by Application (2019-2030)

Figure 35. Global Temperature Sensor Average Price by Application (2019-2030) & (US\$/K Unit)

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

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

Figure 38. North America Temperature Sensor Sales Quantity Market Share by Country (2019-2030)

Figure 39. North America Temperature Sensor Consumption Value Market Share by Country (2019-2030)

Figure 40. United States Temperature Sensor Consumption Value and Growth Rate (2019-2030) & (USD Million)

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

Figure 42. Mexico Temperature Sensor Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 43. Europe Temperature Sensor Sales Quantity Market Share by Type

(2019-2030)

Figure 44. Europe Temperature Sensor Sales Quantity Market Share by Application

(2019-2030)

Figure 45. Europe Temperature Sensor Sales Quantity Market Share by Country

(2019-2030)

Figure 46. Europe Temperature Sensor Consumption Value Market Share by Country

(2019-2030)

Figure 47. Germany Temperature Sensor Consumption Value and Growth Rate

(2019-2030) & (USD Million)

Figure 48. France Temperature Sensor Consumption Value and Growth Rate

(2019-2030) & (USD Million)

Figure 49. United Kingdom Temperature Sensor Consumption Value and Growth Rate

(2019-2030) & (USD Million)

Figure 50. Russia Temperature Sensor Consumption Value and Growth Rate

(2019-2030) & (USD Million)

Figure 51. Italy Temperature Sensor Consumption Value and Growth Rate (2019-2030)

& (USD Million)

Figure 52. Asia-Pacific Temperature Sensor Sales Quantity Market Share by Type

(2019-2030)

Figure 53. Asia-Pacific Temperature Sensor Sales Quantity Market Share by

Application (2019-2030)

Figure 54. Asia-Pacific Temperature Sensor Sales Quantity Market Share by Region

(2019-2030)

Figure 55. Asia-Pacific Temperature Sensor Consumption Value Market Share by

Region (2019-2030)

Figure 56. China Temperature Sensor Consumption Value and Growth Rate

(2019-2030) & (USD Million)

Figure 57. Japan Temperature Sensor Consumption Value and Growth Rate

(2019-2030) & (USD Million)

Figure 58. Korea Temperature Sensor Consumption Value and Growth Rate

(2019-2030) & (USD Million)

Figure 59. India Temperature Sensor Consumption Value and Growth Rate (2019-2030)

& (USD Million)

Figure 60. Southeast Asia Temperature Sensor Consumption Value and Growth Rate

(2019-2030) & (USD Million)

Figure 61. Australia Temperature Sensor Consumption Value and Growth Rate

(2019-2030) & (USD Million)

Figure 62. South America Temperature Sensor Sales Quantity Market Share by Type

(2019-2030)



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

Figure 64. South America Temperature Sensor Sales Quantity Market Share by Country (2019-2030)

Figure 65. South America Temperature Sensor Consumption Value Market Share by Country (2019-2030)

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

Figure 67. Argentina Temperature Sensor Consumption Value and Growth Rate (2019-2030) & (USD Million)

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

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

Figure 70. Middle East & Africa Temperature Sensor Sales Quantity Market Share by Region (2019-2030)

Figure 71. Middle East & Africa Temperature Sensor Consumption Value Market Share by Region (2019-2030)

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

Figure 73. Egypt Temperature Sensor Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 74. Saudi Arabia Temperature Sensor Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 75. South Africa Temperature Sensor Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 76. Temperature Sensor Market Drivers

Figure 77. Temperature Sensor Market Restraints

Figure 78. Temperature Sensor Market Trends

Figure 79. Porters Five Forces Analysis

Figure 80. Manufacturing Cost Structure Analysis of Temperature Sensor in 2023

Figure 81. Manufacturing Process Analysis of Temperature Sensor

Figure 82. Temperature Sensor 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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