

# Global Temperature Sensors Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

<https://marketpublishers.com/r/GDC83A2A6EFEN.html>

Date: July 2024

Pages: 128

Price: US\$ 3,480.00 (Single User License)

ID: GDC83A2A6EFEN

## Abstracts

According to our (Global Info Research) latest study, the global Temperature Sensors market size was valued at USD 4993.4 million in 2023 and is forecast to a readjusted size of USD 6435 million by 2030 with a CAGR of 3.7% during review period.

A temperature sensor is a device, typically, a thermocouple or RTD, that provides for temperature measurement through an electrical signal.

With the growing demand for smart homes and in-home weather stations in the U.S, the North American market is expected to hold the major market share in the future.

The Global Info Research report includes an overview of the development of the Temperature Sensors industry chain, the market status of Chemicals (Negative Temperature Coefficient (NTC) thermistor, Resistance Temperature Detector (RTD)), Oil & Gas (Negative Temperature Coefficient (NTC) thermistor, Resistance Temperature Detector (RTD)), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Temperature Sensors.

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

Key Features:

The report presents comprehensive understanding of the Temperature 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 Temperature 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., Negative Temperature Coefficient (NTC) thermistor, Resistance Temperature Detector (RTD)).

**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 Sensors market.

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

**Company Analysis:** Report covers individual Temperature 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 Temperature Sensors This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Chemicals, Oil & Gas).

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

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

Temperature 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

Negative Temperature Coefficient (NTC) thermistor

Resistance Temperature Detector (RTD)

Thermocouple

Semiconductor-based sensors

#### Market segment by Application

Chemicals

Oil & Gas

Consumer Electronics

Energy & Power

Automotive

Healthcare

Food & Beverages

Metals & Mining

Advanced Fuels

#### Major players covered

ABB

Analog Devices

Danaher

Emerson Electric

General Electric

Honeywell

Kongsberg Gruppen

Maxim Integrated Products

Microchip Technology

NXP Semiconductors

Panasonic

Siemens

Stmicroelectronics

TE Connectivity

Texas Instruments

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

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

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

Chapter 4, the Temperature 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 Temperature 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 Temperature Sensors.

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

## Contents

### 1 MARKET OVERVIEW

1.1 Product Overview and Scope of Temperature Sensors

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

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

1.3.2 Negative Temperature Coefficient (NTC) thermistor

1.3.3 Resistance Temperature Detector (RTD)

1.3.4 Thermocouple

1.3.5 Semiconductor-based sensors

1.4 Market Analysis by Application

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

1.4.2 Chemicals

1.4.3 Oil & Gas

1.4.4 Consumer Electronics

1.4.5 Energy & Power

1.4.6 Automotive

1.4.7 Healthcare

1.4.8 Food & Beverages

1.4.9 Metals & Mining

1.4.10 Advanced Fuels

1.5 Global Temperature Sensors Market Size & Forecast

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

1.5.2 Global Temperature Sensors Sales Quantity (2019-2030)

1.5.3 Global Temperature Sensors Average Price (2019-2030)

### 2 MANUFACTURERS PROFILES

2.1 ABB

2.1.1 ABB Details

2.1.2 ABB Major Business

2.1.3 ABB Temperature Sensors Product and Services

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

2.1.5 ABB Recent Developments/Updates

## 2.2 Analog Devices

### 2.2.1 Analog Devices Details

### 2.2.2 Analog Devices Major Business

### 2.2.3 Analog Devices Temperature Sensors Product and Services

### 2.2.4 Analog Devices Temperature Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.2.5 Analog Devices Recent Developments/Updates

## 2.3 Danaher

### 2.3.1 Danaher Details

### 2.3.2 Danaher Major Business

### 2.3.3 Danaher Temperature Sensors Product and Services

### 2.3.4 Danaher Temperature Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.3.5 Danaher Recent Developments/Updates

## 2.4 Emerson Electric

### 2.4.1 Emerson Electric Details

### 2.4.2 Emerson Electric Major Business

### 2.4.3 Emerson Electric Temperature Sensors Product and Services

### 2.4.4 Emerson Electric Temperature Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.4.5 Emerson Electric Recent Developments/Updates

## 2.5 General Electric

### 2.5.1 General Electric Details

### 2.5.2 General Electric Major Business

### 2.5.3 General Electric Temperature Sensors Product and Services

### 2.5.4 General Electric Temperature Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.5.5 General Electric Recent Developments/Updates

## 2.6 Honeywell

### 2.6.1 Honeywell Details

### 2.6.2 Honeywell Major Business

### 2.6.3 Honeywell Temperature Sensors Product and Services

### 2.6.4 Honeywell Temperature Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

### 2.6.5 Honeywell Recent Developments/Updates

## 2.7 Kongsberg Gruppen

### 2.7.1 Kongsberg Gruppen Details

### 2.7.2 Kongsberg Gruppen Major Business

### 2.7.3 Kongsberg Gruppen Temperature Sensors Product and Services



2.7.4 Kongsberg Gruppen Temperature Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.7.5 Kongsberg Gruppen Recent Developments/Updates

2.8 Maxim Integrated Products

2.8.1 Maxim Integrated Products Details

2.8.2 Maxim Integrated Products Major Business

2.8.3 Maxim Integrated Products Temperature Sensors Product and Services

2.8.4 Maxim Integrated Products Temperature Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.8.5 Maxim Integrated Products Recent Developments/Updates

2.9 Microchip Technology

2.9.1 Microchip Technology Details

2.9.2 Microchip Technology Major Business

2.9.3 Microchip Technology Temperature Sensors Product and Services

2.9.4 Microchip Technology Temperature Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.9.5 Microchip Technology Recent Developments/Updates

2.10 NXP Semiconductors

2.10.1 NXP Semiconductors Details

2.10.2 NXP Semiconductors Major Business

2.10.3 NXP Semiconductors Temperature Sensors Product and Services

2.10.4 NXP Semiconductors Temperature Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.10.5 NXP Semiconductors Recent Developments/Updates

2.11 Panasonic

2.11.1 Panasonic Details

2.11.2 Panasonic Major Business

2.11.3 Panasonic Temperature Sensors Product and Services

2.11.4 Panasonic Temperature Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.11.5 Panasonic Recent Developments/Updates

2.12 Siemens

2.12.1 Siemens Details

2.12.2 Siemens Major Business

2.12.3 Siemens Temperature Sensors Product and Services

2.12.4 Siemens Temperature Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)

2.12.5 Siemens Recent Developments/Updates

2.13 Stmicroelectronics

- 2.13.1 Stmicroelectronics Details
- 2.13.2 Stmicroelectronics Major Business
- 2.13.3 Stmicroelectronics Temperature Sensors Product and Services
- 2.13.4 Stmicroelectronics Temperature Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
- 2.13.5 Stmicroelectronics Recent Developments/Updates
- 2.14 TE Connectivity
  - 2.14.1 TE Connectivity Details
  - 2.14.2 TE Connectivity Major Business
  - 2.14.3 TE Connectivity Temperature Sensors Product and Services
  - 2.14.4 TE Connectivity Temperature Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.14.5 TE Connectivity Recent Developments/Updates
- 2.15 Texas Instruments
  - 2.15.1 Texas Instruments Details
  - 2.15.2 Texas Instruments Major Business
  - 2.15.3 Texas Instruments Temperature Sensors Product and Services
  - 2.15.4 Texas Instruments Temperature Sensors Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
  - 2.15.5 Texas Instruments Recent Developments/Updates

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

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

## **5 MARKET SEGMENT BY TYPE**

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

## **6 MARKET SEGMENT BY APPLICATION**

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

## **7 NORTH AMERICA**

- 7.1 North America Temperature Sensors Sales Quantity by Type (2019-2030)
- 7.2 North America Temperature Sensors Sales Quantity by Application (2019-2030)
- 7.3 North America Temperature Sensors Market Size by Country
  - 7.3.1 North America Temperature Sensors Sales Quantity by Country (2019-2030)
  - 7.3.2 North America Temperature 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 Temperature Sensors Sales Quantity by Type (2019-2030)

- 8.2 Europe Temperature Sensors Sales Quantity by Application (2019-2030)
- 8.3 Europe Temperature Sensors Market Size by Country
  - 8.3.1 Europe Temperature Sensors Sales Quantity by Country (2019-2030)
  - 8.3.2 Europe Temperature 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 Temperature Sensors Sales Quantity by Type (2019-2030)
- 9.2 Asia-Pacific Temperature Sensors Sales Quantity by Application (2019-2030)
- 9.3 Asia-Pacific Temperature Sensors Market Size by Region
  - 9.3.1 Asia-Pacific Temperature Sensors Sales Quantity by Region (2019-2030)
  - 9.3.2 Asia-Pacific Temperature 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 Temperature Sensors Sales Quantity by Type (2019-2030)
- 10.2 South America Temperature Sensors Sales Quantity by Application (2019-2030)
- 10.3 South America Temperature Sensors Market Size by Country
  - 10.3.1 South America Temperature Sensors Sales Quantity by Country (2019-2030)
  - 10.3.2 South America Temperature 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 Temperature Sensors Sales Quantity by Type (2019-2030)
- 11.2 Middle East & Africa Temperature Sensors Sales Quantity by Application

(2019-2030)

11.3 Middle East & Africa Temperature Sensors Market Size by Country

11.3.1 Middle East & Africa Temperature Sensors Sales Quantity by Country

(2019-2030)

11.3.2 Middle East & Africa Temperature 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 Temperature Sensors Market Drivers

12.2 Temperature Sensors Market Restraints

12.3 Temperature 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 Temperature Sensors and Key Manufacturers

13.2 Manufacturing Costs Percentage of Temperature Sensors

13.3 Temperature Sensors Production Process

13.4 Temperature 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 Temperature Sensors Typical Distributors

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

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

Table 3. ABB Basic Information, Manufacturing Base and Competitors

Table 4. ABB Major Business

Table 5. ABB Temperature Sensors Product and Services

Table 6. ABB Temperature Sensors Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 7. ABB Recent Developments/Updates

Table 8. Analog Devices Basic Information, Manufacturing Base and Competitors

Table 9. Analog Devices Major Business

Table 10. Analog Devices Temperature Sensors Product and Services

Table 11. Analog Devices Temperature Sensors Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 12. Analog Devices Recent Developments/Updates

Table 13. Danaher Basic Information, Manufacturing Base and Competitors

Table 14. Danaher Major Business

Table 15. Danaher Temperature Sensors Product and Services

Table 16. Danaher Temperature Sensors Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 17. Danaher Recent Developments/Updates

Table 18. Emerson Electric Basic Information, Manufacturing Base and Competitors

Table 19. Emerson Electric Major Business

Table 20. Emerson Electric Temperature Sensors Product and Services

Table 21. Emerson Electric Temperature Sensors Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 22. Emerson Electric Recent Developments/Updates

Table 23. General Electric Basic Information, Manufacturing Base and Competitors

Table 24. General Electric Major Business

Table 25. General Electric Temperature Sensors Product and Services

Table 26. General Electric Temperature Sensors Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 27. General Electric Recent Developments/Updates

Table 28. Honeywell Basic Information, Manufacturing Base and Competitors

Table 29. Honeywell Major Business

Table 30. Honeywell Temperature Sensors Product and Services

Table 31. Honeywell Temperature Sensors Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 32. Honeywell Recent Developments/Updates

Table 33. Kongsberg Gruppen Basic Information, Manufacturing Base and Competitors

Table 34. Kongsberg Gruppen Major Business

Table 35. Kongsberg Gruppen Temperature Sensors Product and Services

Table 36. Kongsberg Gruppen Temperature Sensors Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 37. Kongsberg Gruppen Recent Developments/Updates

Table 38. Maxim Integrated Products Basic Information, Manufacturing Base and Competitors

Table 39. Maxim Integrated Products Major Business

Table 40. Maxim Integrated Products Temperature Sensors Product and Services

Table 41. Maxim Integrated Products Temperature Sensors Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 42. Maxim Integrated Products Recent Developments/Updates

Table 43. Microchip Technology Basic Information, Manufacturing Base and Competitors

Table 44. Microchip Technology Major Business

Table 45. Microchip Technology Temperature Sensors Product and Services

Table 46. Microchip Technology Temperature Sensors Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 47. Microchip Technology Recent Developments/Updates

Table 48. NXP Semiconductors Basic Information, Manufacturing Base and Competitors

Table 49. NXP Semiconductors Major Business

Table 50. NXP Semiconductors Temperature Sensors Product and Services

Table 51. NXP Semiconductors Temperature Sensors Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 52. NXP Semiconductors Recent Developments/Updates

Table 53. Panasonic Basic Information, Manufacturing Base and Competitors

Table 54. Panasonic Major Business

Table 55. Panasonic Temperature Sensors Product and Services

Table 56. Panasonic Temperature Sensors Sales Quantity (K Units), Average Price



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

Table 57. Panasonic Recent Developments/Updates

Table 58. Siemens Basic Information, Manufacturing Base and Competitors

Table 59. Siemens Major Business

Table 60. Siemens Temperature Sensors Product and Services

Table 61. Siemens Temperature Sensors Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 62. Siemens Recent Developments/Updates

Table 63. Stmicroelectronics Basic Information, Manufacturing Base and Competitors

Table 64. Stmicroelectronics Major Business

Table 65. Stmicroelectronics Temperature Sensors Product and Services

Table 66. Stmicroelectronics Temperature Sensors Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 67. Stmicroelectronics Recent Developments/Updates

Table 68. TE Connectivity Basic Information, Manufacturing Base and Competitors

Table 69. TE Connectivity Major Business

Table 70. TE Connectivity Temperature Sensors Product and Services

Table 71. TE Connectivity Temperature Sensors Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 72. TE Connectivity Recent Developments/Updates

Table 73. Texas Instruments Basic Information, Manufacturing Base and Competitors

Table 74. Texas Instruments Major Business

Table 75. Texas Instruments Temperature Sensors Product and Services

Table 76. Texas Instruments Temperature Sensors Sales Quantity (K Units), Average Price (USD/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 77. Texas Instruments Recent Developments/Updates

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

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

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

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

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

Table 83. Temperature Sensors Market: Company Product Type Footprint

Table 84. Temperature Sensors Market: Company Product Application Footprint

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Table 107. North America Temperature Sensors Sales Quantity by Application

(2019-2024) & (K Units)

Table 108. North America Temperature Sensors Sales Quantity by Application

(2025-2030) & (K Units)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Table 145. Temperature Sensors Raw Material

Table 146. Key Manufacturers of Temperature Sensors Raw Materials

Table 147. Temperature Sensors Typical Distributors

Table 148. Temperature Sensors Typical Customers

## List Of Figures

### LIST OF FIGURES

Figure 1. Temperature Sensors Picture

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

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

Figure 4. Negative Temperature Coefficient (NTC) thermistor Examples

Figure 5. Resistance Temperature Detector (RTD) Examples

Figure 6. Thermocouple Examples

Figure 7. Semiconductor-based sensors Examples

Figure 8. Global Temperature Sensors Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Figure 9. Global Temperature Sensors Consumption Value Market Share by Application in 2023

Figure 10. Chemicals Examples

Figure 11. Oil & Gas Examples

Figure 12. Consumer Electronics Examples

Figure 13. Energy & Power Examples

Figure 14. Automotive Examples

Figure 15. Healthcare Examples

Figure 16. Food & Beverages Examples

Figure 17. Metals & Mining Examples

Figure 18. Advanced Fuels Examples

Figure 19. Global Temperature Sensors Consumption Value, (USD Million): 2019 & 2023 & 2030

Figure 20. Global Temperature Sensors Consumption Value and Forecast (2019-2030) & (USD Million)

Figure 21. Global Temperature Sensors Sales Quantity (2019-2030) & (K Units)

Figure 22. Global Temperature Sensors Average Price (2019-2030) & (USD/Unit)

Figure 23. Global Temperature Sensors Sales Quantity Market Share by Manufacturer in 2023

Figure 24. Global Temperature Sensors Consumption Value Market Share by Manufacturer in 2023

Figure 25. Producer Shipments of Temperature Sensors by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2023

Figure 26. Top 3 Temperature Sensors Manufacturer (Consumption Value) Market

Share in 2023

Figure 27. Top 6 Temperature Sensors Manufacturer (Consumption Value) Market Share in 2023

Figure 28. Global Temperature Sensors Sales Quantity Market Share by Region (2019-2030)

Figure 29. Global Temperature Sensors Consumption Value Market Share by Region (2019-2030)

Figure 30. North America Temperature Sensors Consumption Value (2019-2030) & (USD Million)

Figure 31. Europe Temperature Sensors Consumption Value (2019-2030) & (USD Million)

Figure 32. Asia-Pacific Temperature Sensors Consumption Value (2019-2030) & (USD Million)

Figure 33. South America Temperature Sensors Consumption Value (2019-2030) & (USD Million)

Figure 34. Middle East & Africa Temperature Sensors Consumption Value (2019-2030) & (USD Million)

Figure 35. Global Temperature Sensors Sales Quantity Market Share by Type (2019-2030)

Figure 36. Global Temperature Sensors Consumption Value Market Share by Type (2019-2030)

Figure 37. Global Temperature Sensors Average Price by Type (2019-2030) & (USD/Unit)

Figure 38. Global Temperature Sensors Sales Quantity Market Share by Application (2019-2030)

Figure 39. Global Temperature Sensors Consumption Value Market Share by Application (2019-2030)

Figure 40. Global Temperature Sensors Average Price by Application (2019-2030) & (USD/Unit)

Figure 41. North America Temperature Sensors Sales Quantity Market Share by Type (2019-2030)

Figure 42. North America Temperature Sensors Sales Quantity Market Share by Application (2019-2030)

Figure 43. North America Temperature Sensors Sales Quantity Market Share by Country (2019-2030)

Figure 44. North America Temperature Sensors Consumption Value Market Share by Country (2019-2030)

Figure 45. United States Temperature Sensors Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 46. Canada Temperature Sensors Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 47. Mexico Temperature Sensors Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 48. Europe Temperature Sensors Sales Quantity Market Share by Type (2019-2030)

Figure 49. Europe Temperature Sensors Sales Quantity Market Share by Application (2019-2030)

Figure 50. Europe Temperature Sensors Sales Quantity Market Share by Country (2019-2030)

Figure 51. Europe Temperature Sensors Consumption Value Market Share by Country (2019-2030)

Figure 52. Germany Temperature Sensors Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 53. France Temperature Sensors Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 54. United Kingdom Temperature Sensors Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 55. Russia Temperature Sensors Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 56. Italy Temperature Sensors Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 57. Asia-Pacific Temperature Sensors Sales Quantity Market Share by Type (2019-2030)

Figure 58. Asia-Pacific Temperature Sensors Sales Quantity Market Share by Application (2019-2030)

Figure 59. Asia-Pacific Temperature Sensors Sales Quantity Market Share by Region (2019-2030)

Figure 60. Asia-Pacific Temperature Sensors Consumption Value Market Share by Region (2019-2030)

Figure 61. China Temperature Sensors Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 62. Japan Temperature Sensors Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 63. Korea Temperature Sensors Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 64. India Temperature Sensors Consumption Value and Growth Rate (2019-2030) & (USD Million)

Figure 65. Southeast Asia Temperature Sensors Consumption Value and Growth Rate



(2019-2030) & (USD Million)

Figure 66. Australia Temperature Sensors Consumption Value and Growth Rate

(2019-2030) & (USD Million)

Figure 67. South America Temperature Sensors Sales Quantity Market Share by Type

(2019-2030)

Figure 68. South America Temperature Sensors Sales Quantity Market Share by

Application (2019-2030)

Figure 69. South America Temperature Sensors Sales Quantity Market Share by

Country (2019-2030)

Figure 70. South America Temperature Sensors Consumption Value Market Share by

Country (2019-2030)

Figure 71. Brazil Temperature Sensors Consumption Value and Growth Rate

(2019-2030) & (USD Million)

Figure 72. Argentina Temperature Sensors Consumption Value and Growth Rate

(2019-2030) & (USD Million)

Figure 73. Middle East & Africa Temperature Sensors Sales Quantity Market Share by

Type (2019-2030)

Figure 74. Middle East & Africa Temperature Sensors Sales Quantity Market Share by

Application (2019-2030)

Figure 75. Middle East & Africa Temperature Sensors Sales Quantity Market Share by

Region (2019-2030)

Figure 76. Middle East & Africa Temperature Sensors Consumption Value Market

Share by Region (2019-2030)

Figure 77. Turkey Temperature Sensors Consumption Value and Growth Rate

(2019-2030) & (USD Million)

Figure 78. Egypt Temperature Sensors Consumption Value and Growth Rate

(2019-2030) & (USD Million)

Figure 79. Saudi Arabia Temperature Sensors Consumption Value and Growth Rate

(2019-2030) & (USD Million)

Figure 80. South Africa Temperature Sensors Consumption Value and Growth Rate

(2019-2030) & (USD Million)

Figure 81. Temperature Sensors Market Drivers

Figure 82. Temperature Sensors Market Restraints

Figure 83. Temperature Sensors Market Trends

Figure 84. Porters Five Forces Analysis

Figure 85. Manufacturing Cost Structure Analysis of Temperature Sensors in 2023

Figure 86. Manufacturing Process Analysis of Temperature Sensors

Figure 87. Temperature Sensors Industrial Chain

Figure 88. Sales Quantity Channel: Direct to End-User vs Distributors

- Figure 89. Direct Channel Pros & Cons
- Figure 90. Indirect Channel Pros & Cons
- Figure 91. Methodology
- Figure 92. Research Process and Data Source

## I would like to order

Product name: Global Temperature Sensors Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

Product link: <https://marketpublishers.com/r/GDC83A2A6EFEN.html>

Price: US\$ 3,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GDC83A2A6EFEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

