

Global Negative Temperature Thermistor Market Research Report 2024(Status and Outlook)

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Abstracts

Report Overview:

An NTC thermistor is a ceramic semiconductor made with various metal oxides. Their electrical resistance decreases with increasing temperature. A typical temperature range for existing ceramic Negative Temperature Coefficient Thermistors is -80 degrees C to +300 degrees C. This resistance is processed by an electronic circuit to provide temperature measurement. The thermistor itself does not provide any control over heating elements, relays, etc. The thermistor is strictly a sensor and any electrical control would need to be implemented by the circuit utilizing the thermistor.

Conventional ceramic NTC thermistors have been employed in the marketplace for over 70 years; and dominate the thermistor market. The ceramic thermistors are comprised of a metal oxide mix annealed at high temperatures. Companies around the world have used this ceramic technology to produce billions of thermistors annually. Typically, NTC thermistor is the most popular and economic solution for various fields such as home appliance, automotive, telecommunication, computer, medical instruments, industrial sites, etc..

The Global Negative Temperature Thermistor Market Size was estimated at USD 641.32 million in 2023 and is projected to reach USD 756.89 million by 2029, exhibiting a CAGR of 2.80% during the forecast period.

This report provides a deep insight into the global Negative Temperature Thermistor market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, SWOT analysis, Porter's five forces



analysis, value chain analysis, etc.

The analysis helps the reader to shape the competition within the industries and strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business organization. The report structure also focuses on the competitive landscape of the Global Negative Temperature Thermistor Market, this report introduces in detail the market share, market performance, product situation, operation situation, etc. of the main players, which helps the readers in the industry to identify the main competitors and deeply understand the competition pattern of the market.

In a word, this report is a must-read for industry players, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the Negative Temperature Thermistor market in any manner.

Global Negative Temperature Thermistor Market: Market Segmentation Analysis

The research report includes specific segments by region (country), manufacturers, Type, and Application. Market segmentation creates subsets of a market based on product type, end-user or application, Geographic, and other factors. By understanding the market segments, the decision-maker can leverage this targeting in the product, sales, and marketing strategies. Market segments can power your product development cycles by informing how you create product offerings for different segments.

Key Company
Thinking Electronic
Shibaura
TDK
Semitec Corporation
Mitsubishi
Vishay

Shiheng Electronics



AVX

Murata
Panasonic
Fenghua Electronics
Lattron
TE Connectivity
Ametherm
Amphenol Advanced Sensors
Littelfuse
Sinochip Electronics
E WAY Technology
EXSENSE Electronic
Tewa Temperature Sensors
TAYAO Technology
JOYIN
Elscott Manufacturing
KOA
Sen Tech
Mingjia Electric



Zhengli Group

UNIX TECH	
Market Segmentation (by Type)	
Radial Type	
Diode Type	
Wire Bonding Type	
Film Type	
SMD Type	
Wire Type	
Chip in Glass Type	
Market Segmentation (by Application)	
Consumer Electronics	
Medical Instruments	
Automotive	
Home Appliance	
Industrial Equipment	
Aerospace & Defense	
Others	
Geographic Segmentation	

North America (USA, Canada, Mexico)

Global Negative Temperature Thermistor Market Research Report 2024(Status and Outlook)



Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study

Neutral perspective on the market performance

Recent industry trends and developments

Competitive landscape & strategies of key players

Potential & niche segments and regions exhibiting promising growth covered

Historical, current, and projected market size, in terms of value

In-depth analysis of the Negative Temperature Thermistor Market

Overview of the regional outlook of the Negative Temperature Thermistor Market:

Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your



competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value (USD Billion) data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support



Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Note: this report may need to undergo a final check or review and this could take about 48 hours.

Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the Negative Temperature Thermistor Market and its likely evolution in the short to midterm, and long term.

Chapter 3 makes a detailed analysis of the Market's Competitive Landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential



of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 10 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 11 provides a quantitative analysis of the market size and development potential of each market segment (product type and application) in the next five years.

Chapter 12 is the main points and conclusions of the report.



Contents

1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE

- 1.1 Market Definition and Statistical Scope of Negative Temperature Thermistor
- 1.2 Key Market Segments
 - 1.2.1 Negative Temperature Thermistor Segment by Type
 - 1.2.2 Negative Temperature Thermistor Segment by Application
- 1.3 Methodology & Sources of Information
 - 1.3.1 Research Methodology
 - 1.3.2 Research Process
- 1.3.3 Market Breakdown and Data Triangulation
- 1.3.4 Base Year
- 1.3.5 Report Assumptions & Caveats

2 NEGATIVE TEMPERATURE THERMISTOR MARKET OVERVIEW

- 2.1 Global Market Overview
- 2.1.1 Global Negative Temperature Thermistor Market Size (M USD) Estimates and Forecasts (2019-2030)
- 2.1.2 Global Negative Temperature Thermistor Sales Estimates and Forecasts (2019-2030)
- 2.2 Market Segment Executive Summary
- 2.3 Global Market Size by Region

3 NEGATIVE TEMPERATURE THERMISTOR MARKET COMPETITIVE LANDSCAPE

- 3.1 Global Negative Temperature Thermistor Sales by Manufacturers (2019-2024)
- 3.2 Global Negative Temperature Thermistor Revenue Market Share by Manufacturers (2019-2024)
- 3.3 Negative Temperature Thermistor Market Share by Company Type (Tier 1, Tier 2, and Tier 3)
- 3.4 Global Negative Temperature Thermistor Average Price by Manufacturers (2019-2024)
- 3.5 Manufacturers Negative Temperature Thermistor Sales Sites, Area Served, Product Type
- 3.6 Negative Temperature Thermistor Market Competitive Situation and Trends
 - 3.6.1 Negative Temperature Thermistor Market Concentration Rate
 - 3.6.2 Global 5 and 10 Largest Negative Temperature Thermistor Players Market Share



by Revenue

3.6.3 Mergers & Acquisitions, Expansion

4 NEGATIVE TEMPERATURE THERMISTOR INDUSTRY CHAIN ANALYSIS

- 4.1 Negative Temperature Thermistor Industry Chain Analysis
- 4.2 Market Overview of Key Raw Materials
- 4.3 Midstream Market Analysis
- 4.4 Downstream Customer Analysis

5 THE DEVELOPMENT AND DYNAMICS OF NEGATIVE TEMPERATURE THERMISTOR MARKET

- 5.1 Key Development Trends
- 5.2 Driving Factors
- 5.3 Market Challenges
- 5.4 Market Restraints
- 5.5 Industry News
 - 5.5.1 New Product Developments
 - 5.5.2 Mergers & Acquisitions
 - 5.5.3 Expansions
- 5.5.4 Collaboration/Supply Contracts
- 5.6 Industry Policies

6 NEGATIVE TEMPERATURE THERMISTOR MARKET SEGMENTATION BY TYPE

- 6.1 Evaluation Matrix of Segment Market Development Potential (Type)
- 6.2 Global Negative Temperature Thermistor Sales Market Share by Type (2019-2024)
- 6.3 Global Negative Temperature Thermistor Market Size Market Share by Type (2019-2024)
- 6.4 Global Negative Temperature Thermistor Price by Type (2019-2024)

7 NEGATIVE TEMPERATURE THERMISTOR MARKET SEGMENTATION BY APPLICATION

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
- 7.2 Global Negative Temperature Thermistor Market Sales by Application (2019-2024)
- 7.3 Global Negative Temperature Thermistor Market Size (M USD) by Application (2019-2024)



7.4 Global Negative Temperature Thermistor Sales Growth Rate by Application (2019-2024)

8 NEGATIVE TEMPERATURE THERMISTOR MARKET SEGMENTATION BY REGION

- 8.1 Global Negative Temperature Thermistor Sales by Region
 - 8.1.1 Global Negative Temperature Thermistor Sales by Region
- 8.1.2 Global Negative Temperature Thermistor Sales Market Share by Region
- 8.2 North America
 - 8.2.1 North America Negative Temperature Thermistor Sales by Country
 - 8.2.2 U.S.
 - 8.2.3 Canada
 - 8.2.4 Mexico
- 8.3 Europe
 - 8.3.1 Europe Negative Temperature Thermistor Sales by Country
 - 8.3.2 Germany
 - 8.3.3 France
 - 8.3.4 U.K.
 - 8.3.5 Italy
 - 8.3.6 Russia
- 8.4 Asia Pacific
 - 8.4.1 Asia Pacific Negative Temperature Thermistor Sales by Region
 - 8.4.2 China
 - 8.4.3 Japan
 - 8.4.4 South Korea
 - 8.4.5 India
 - 8.4.6 Southeast Asia
- 8.5 South America
 - 8.5.1 South America Negative Temperature Thermistor Sales by Country
 - 8.5.2 Brazil
 - 8.5.3 Argentina
 - 8.5.4 Columbia
- 8.6 Middle East and Africa
 - 8.6.1 Middle East and Africa Negative Temperature Thermistor Sales by Region
 - 8.6.2 Saudi Arabia
 - 8.6.3 UAE
 - 8.6.4 Egypt
 - 8.6.5 Nigeria



8.6.6 South Africa

9 KEY COMPANIES PROFILE

9.	1	Th	ink	ina	Elec	tron	ic

- 9.1.1 Thinking Electronic Negative Temperature Thermistor Basic Information
- 9.1.2 Thinking Electronic Negative Temperature Thermistor Product Overview
- 9.1.3 Thinking Electronic Negative Temperature Thermistor Product Market Performance

9.1.4 Thinking Electronic Business Overview

- 9.1.5 Thinking Electronic Negative Temperature Thermistor SWOT Analysis
- 9.1.6 Thinking Electronic Recent Developments

9.2 Shibaura

- 9.2.1 Shibaura Negative Temperature Thermistor Basic Information
- 9.2.2 Shibaura Negative Temperature Thermistor Product Overview
- 9.2.3 Shibaura Negative Temperature Thermistor Product Market Performance
- 9.2.4 Shibaura Business Overview
- 9.2.5 Shibaura Negative Temperature Thermistor SWOT Analysis
- 9.2.6 Shibaura Recent Developments

9.3 TDK

- 9.3.1 TDK Negative Temperature Thermistor Basic Information
- 9.3.2 TDK Negative Temperature Thermistor Product Overview
- 9.3.3 TDK Negative Temperature Thermistor Product Market Performance
- 9.3.4 TDK Negative Temperature Thermistor SWOT Analysis
- 9.3.5 TDK Business Overview
- 9.3.6 TDK Recent Developments

9.4 Semitec Corporation

- 9.4.1 Semitec Corporation Negative Temperature Thermistor Basic Information
- 9.4.2 Semitec Corporation Negative Temperature Thermistor Product Overview
- 9.4.3 Semitec Corporation Negative Temperature Thermistor Product Market

Performance

- 9.4.4 Semitec Corporation Business Overview
- 9.4.5 Semitec Corporation Recent Developments

9.5 Mitsubishi

- 9.5.1 Mitsubishi Negative Temperature Thermistor Basic Information
- 9.5.2 Mitsubishi Negative Temperature Thermistor Product Overview
- 9.5.3 Mitsubishi Negative Temperature Thermistor Product Market Performance
- 9.5.4 Mitsubishi Business Overview
- 9.5.5 Mitsubishi Recent Developments



9.6 Vishay

- 9.6.1 Vishay Negative Temperature Thermistor Basic Information
- 9.6.2 Vishay Negative Temperature Thermistor Product Overview
- 9.6.3 Vishay Negative Temperature Thermistor Product Market Performance
- 9.6.4 Vishay Business Overview
- 9.6.5 Vishay Recent Developments

9.7 Shiheng Electronics

- 9.7.1 Shiheng Electronics Negative Temperature Thermistor Basic Information
- 9.7.2 Shiheng Electronics Negative Temperature Thermistor Product Overview
- 9.7.3 Shiheng Electronics Negative Temperature Thermistor Product Market

Performance

- 9.7.4 Shiheng Electronics Business Overview
- 9.7.5 Shiheng Electronics Recent Developments

9.8 AVX

- 9.8.1 AVX Negative Temperature Thermistor Basic Information
- 9.8.2 AVX Negative Temperature Thermistor Product Overview
- 9.8.3 AVX Negative Temperature Thermistor Product Market Performance
- 9.8.4 AVX Business Overview
- 9.8.5 AVX Recent Developments

9.9 Murata

- 9.9.1 Murata Negative Temperature Thermistor Basic Information
- 9.9.2 Murata Negative Temperature Thermistor Product Overview
- 9.9.3 Murata Negative Temperature Thermistor Product Market Performance
- 9.9.4 Murata Business Overview
- 9.9.5 Murata Recent Developments

9.10 Panasonic

- 9.10.1 Panasonic Negative Temperature Thermistor Basic Information
- 9.10.2 Panasonic Negative Temperature Thermistor Product Overview
- 9.10.3 Panasonic Negative Temperature Thermistor Product Market Performance
- 9.10.4 Panasonic Business Overview
- 9.10.5 Panasonic Recent Developments

9.11 Fenghua Electronics

- 9.11.1 Fenghua Electronics Negative Temperature Thermistor Basic Information
- 9.11.2 Fenghua Electronics Negative Temperature Thermistor Product Overview
- 9.11.3 Fenghua Electronics Negative Temperature Thermistor Product Market

Performance

- 9.11.4 Fenghua Electronics Business Overview
- 9.11.5 Fenghua Electronics Recent Developments

9.12 Lattron



- 9.12.1 Lattron Negative Temperature Thermistor Basic Information
- 9.12.2 Lattron Negative Temperature Thermistor Product Overview
- 9.12.3 Lattron Negative Temperature Thermistor Product Market Performance
- 9.12.4 Lattron Business Overview
- 9.12.5 Lattron Recent Developments
- 9.13 TE Connectivity
 - 9.13.1 TE Connectivity Negative Temperature Thermistor Basic Information
 - 9.13.2 TE Connectivity Negative Temperature Thermistor Product Overview
 - 9.13.3 TE Connectivity Negative Temperature Thermistor Product Market Performance
 - 9.13.4 TE Connectivity Business Overview
 - 9.13.5 TE Connectivity Recent Developments
- 9.14 Ametherm
 - 9.14.1 Ametherm Negative Temperature Thermistor Basic Information
- 9.14.2 Ametherm Negative Temperature Thermistor Product Overview
- 9.14.3 Ametherm Negative Temperature Thermistor Product Market Performance
- 9.14.4 Ametherm Business Overview
- 9.14.5 Ametherm Recent Developments
- 9.15 Amphenol Advanced Sensors
- 9.15.1 Amphenol Advanced Sensors Negative Temperature Thermistor Basic Information
- 9.15.2 Amphenol Advanced Sensors Negative Temperature Thermistor Product Overview
- 9.15.3 Amphenol Advanced Sensors Negative Temperature Thermistor Product Market Performance
- 9.15.4 Amphenol Advanced Sensors Business Overview
- 9.15.5 Amphenol Advanced Sensors Recent Developments
- 9.16 Littelfuse
 - 9.16.1 Littelfuse Negative Temperature Thermistor Basic Information
 - 9.16.2 Littelfuse Negative Temperature Thermistor Product Overview
 - 9.16.3 Littelfuse Negative Temperature Thermistor Product Market Performance
 - 9.16.4 Littelfuse Business Overview
 - 9.16.5 Littelfuse Recent Developments
- 9.17 Sinochip Electronics
 - 9.17.1 Sinochip Electronics Negative Temperature Thermistor Basic Information
 - 9.17.2 Sinochip Electronics Negative Temperature Thermistor Product Overview
- 9.17.3 Sinochip Electronics Negative Temperature Thermistor Product Market
- Performance
 - 9.17.4 Sinochip Electronics Business Overview
- 9.17.5 Sinochip Electronics Recent Developments



9.18 E WAY Technology

- 9.18.1 E WAY Technology Negative Temperature Thermistor Basic Information
- 9.18.2 E WAY Technology Negative Temperature Thermistor Product Overview
- 9.18.3 E WAY Technology Negative Temperature Thermistor Product Market Performance
- 9.18.4 E WAY Technology Business Overview
- 9.18.5 E WAY Technology Recent Developments
- 9.19 EXSENSE Electronic
 - 9.19.1 EXSENSE Electronic Negative Temperature Thermistor Basic Information
 - 9.19.2 EXSENSE Electronic Negative Temperature Thermistor Product Overview
- 9.19.3 EXSENSE Electronic Negative Temperature Thermistor Product Market Performance
- 9.19.4 EXSENSE Electronic Business Overview
- 9.19.5 EXSENSE Electronic Recent Developments
- 9.20 Tewa Temperature Sensors
- 9.20.1 Tewa Temperature Sensors Negative Temperature Thermistor Basic Information
- 9.20.2 Tewa Temperature Sensors Negative Temperature Thermistor Product Overview
- 9.20.3 Tewa Temperature Sensors Negative Temperature Thermistor Product Market Performance
 - 9.20.4 Tewa Temperature Sensors Business Overview
 - 9.20.5 Tewa Temperature Sensors Recent Developments
- 9.21 TAYAO Technology
 - 9.21.1 TAYAO Technology Negative Temperature Thermistor Basic Information
 - 9.21.2 TAYAO Technology Negative Temperature Thermistor Product Overview
- 9.21.3 TAYAO Technology Negative Temperature Thermistor Product Market

Performance

- 9.21.4 TAYAO Technology Business Overview
- 9.21.5 TAYAO Technology Recent Developments
- **9.22 JOYIN**
 - 9.22.1 JOYIN Negative Temperature Thermistor Basic Information
 - 9.22.2 JOYIN Negative Temperature Thermistor Product Overview
 - 9.22.3 JOYIN Negative Temperature Thermistor Product Market Performance
 - 9.22.4 JOYIN Business Overview
 - 9.22.5 JOYIN Recent Developments
- 9.23 Elscott Manufacturing
- 9.23.1 Elscott Manufacturing Negative Temperature Thermistor Basic Information
- 9.23.2 Elscott Manufacturing Negative Temperature Thermistor Product Overview



9.23.3 Elscott Manufacturing Negative Temperature Thermistor Product Market Performance

- 9.23.4 Elscott Manufacturing Business Overview
- 9.23.5 Elscott Manufacturing Recent Developments

9.24 KOA

- 9.24.1 KOA Negative Temperature Thermistor Basic Information
- 9.24.2 KOA Negative Temperature Thermistor Product Overview
- 9.24.3 KOA Negative Temperature Thermistor Product Market Performance
- 9.24.4 KOA Business Overview
- 9.24.5 KOA Recent Developments

9.25 Sen Tech

- 9.25.1 Sen Tech Negative Temperature Thermistor Basic Information
- 9.25.2 Sen Tech Negative Temperature Thermistor Product Overview
- 9.25.3 Sen Tech Negative Temperature Thermistor Product Market Performance
- 9.25.4 Sen Tech Business Overview
- 9.25.5 Sen Tech Recent Developments

9.26 Mingjia Electric

- 9.26.1 Mingjia Electric Negative Temperature Thermistor Basic Information
- 9.26.2 Mingjia Electric Negative Temperature Thermistor Product Overview
- 9.26.3 Mingjia Electric Negative Temperature Thermistor Product Market Performance
- 9.26.4 Mingjia Electric Business Overview
- 9.26.5 Mingjia Electric Recent Developments

9.27 Zhengli Group

- 9.27.1 Zhengli Group Negative Temperature Thermistor Basic Information
- 9.27.2 Zhengli Group Negative Temperature Thermistor Product Overview
- 9.27.3 Zhengli Group Negative Temperature Thermistor Product Market Performance
- 9.27.4 Zhengli Group Business Overview
- 9.27.5 Zhengli Group Recent Developments

9.28 UNIX TECH

- 9.28.1 UNIX TECH Negative Temperature Thermistor Basic Information
- 9.28.2 UNIX TECH Negative Temperature Thermistor Product Overview
- 9.28.3 UNIX TECH Negative Temperature Thermistor Product Market Performance
- 9.28.4 UNIX TECH Business Overview
- 9.28.5 UNIX TECH Recent Developments

10 NEGATIVE TEMPERATURE THERMISTOR MARKET FORECAST BY REGION

- 10.1 Global Negative Temperature Thermistor Market Size Forecast
- 10.2 Global Negative Temperature Thermistor Market Forecast by Region



- 10.2.1 North America Market Size Forecast by Country
- 10.2.2 Europe Negative Temperature Thermistor Market Size Forecast by Country
- 10.2.3 Asia Pacific Negative Temperature Thermistor Market Size Forecast by Region
- 10.2.4 South America Negative Temperature Thermistor Market Size Forecast by Country
- 10.2.5 Middle East and Africa Forecasted Consumption of Negative Temperature Thermistor by Country

11 FORECAST MARKET BY TYPE AND BY APPLICATION (2025-2030)

- 11.1 Global Negative Temperature Thermistor Market Forecast by Type (2025-2030)
- 11.1.1 Global Forecasted Sales of Negative Temperature Thermistor by Type (2025-2030)
- 11.1.2 Global Negative Temperature Thermistor Market Size Forecast by Type (2025-2030)
- 11.1.3 Global Forecasted Price of Negative Temperature Thermistor by Type (2025-2030)
- 11.2 Global Negative Temperature Thermistor Market Forecast by Application (2025-2030)
- 11.2.1 Global Negative Temperature Thermistor Sales (K Units) Forecast by Application
- 11.2.2 Global Negative Temperature Thermistor Market Size (M USD) Forecast by Application (2025-2030)

12 CONCLUSION AND KEY FINDINGS



List Of Tables

LIST OF TABLES

- Table 1. Introduction of the Type
- Table 2. Introduction of the Application
- Table 3. Market Size (M USD) Segment Executive Summary
- Table 4. Negative Temperature Thermistor Market Size Comparison by Region (M USD)
- Table 5. Global Negative Temperature Thermistor Sales (K Units) by Manufacturers (2019-2024)
- Table 6. Global Negative Temperature Thermistor Sales Market Share by Manufacturers (2019-2024)
- Table 7. Global Negative Temperature Thermistor Revenue (M USD) by Manufacturers (2019-2024)
- Table 8. Global Negative Temperature Thermistor Revenue Share by Manufacturers (2019-2024)
- Table 9. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Negative Temperature Thermistor as of 2022)
- Table 10. Global Market Negative Temperature Thermistor Average Price (USD/Unit) of Key Manufacturers (2019-2024)
- Table 11. Manufacturers Negative Temperature Thermistor Sales Sites and Area Served
- Table 12. Manufacturers Negative Temperature Thermistor Product Type
- Table 13. Global Negative Temperature Thermistor Manufacturers Market Concentration Ratio (CR5 and HHI)
- Table 14. Mergers & Acquisitions, Expansion Plans
- Table 15. Industry Chain Map of Negative Temperature Thermistor
- Table 16. Market Overview of Key Raw Materials
- Table 17. Midstream Market Analysis
- Table 18. Downstream Customer Analysis
- Table 19. Key Development Trends
- Table 20. Driving Factors
- Table 21. Negative Temperature Thermistor Market Challenges
- Table 22. Global Negative Temperature Thermistor Sales by Type (K Units)
- Table 23. Global Negative Temperature Thermistor Market Size by Type (M USD)
- Table 24. Global Negative Temperature Thermistor Sales (K Units) by Type (2019-2024)
- Table 25. Global Negative Temperature Thermistor Sales Market Share by Type



(2019-2024)

Table 26. Global Negative Temperature Thermistor Market Size (M USD) by Type (2019-2024)

Table 27. Global Negative Temperature Thermistor Market Size Share by Type (2019-2024)

Table 28. Global Negative Temperature Thermistor Price (USD/Unit) by Type (2019-2024)

Table 29. Global Negative Temperature Thermistor Sales (K Units) by Application

Table 30. Global Negative Temperature Thermistor Market Size by Application

Table 31. Global Negative Temperature Thermistor Sales by Application (2019-2024) & (K Units)

Table 32. Global Negative Temperature Thermistor Sales Market Share by Application (2019-2024)

Table 33. Global Negative Temperature Thermistor Sales by Application (2019-2024) & (M USD)

Table 34. Global Negative Temperature Thermistor Market Share by Application (2019-2024)

Table 35. Global Negative Temperature Thermistor Sales Growth Rate by Application (2019-2024)

Table 36. Global Negative Temperature Thermistor Sales by Region (2019-2024) & (K Units)

Table 37. Global Negative Temperature Thermistor Sales Market Share by Region (2019-2024)

Table 38. North America Negative Temperature Thermistor Sales by Country (2019-2024) & (K Units)

Table 39. Europe Negative Temperature Thermistor Sales by Country (2019-2024) & (K Units)

Table 40. Asia Pacific Negative Temperature Thermistor Sales by Region (2019-2024) & (K Units)

Table 41. South America Negative Temperature Thermistor Sales by Country (2019-2024) & (K Units)

Table 42. Middle East and Africa Negative Temperature Thermistor Sales by Region (2019-2024) & (K Units)

Table 43. Thinking Electronic Negative Temperature Thermistor Basic Information

Table 44. Thinking Electronic Negative Temperature Thermistor Product Overview

Table 45. Thinking Electronic Negative Temperature Thermistor Sales (K Units),

Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 46. Thinking Electronic Business Overview

Table 47. Thinking Electronic Negative Temperature Thermistor SWOT Analysis



- Table 48. Thinking Electronic Recent Developments
- Table 49. Shibaura Negative Temperature Thermistor Basic Information
- Table 50. Shibaura Negative Temperature Thermistor Product Overview
- Table 51. Shibaura Negative Temperature Thermistor Sales (K Units), Revenue (M
- USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 52. Shibaura Business Overview
- Table 53. Shibaura Negative Temperature Thermistor SWOT Analysis
- Table 54. Shibaura Recent Developments
- Table 55. TDK Negative Temperature Thermistor Basic Information
- Table 56. TDK Negative Temperature Thermistor Product Overview
- Table 57. TDK Negative Temperature Thermistor Sales (K Units), Revenue (M USD),
- Price (USD/Unit) and Gross Margin (2019-2024)
- Table 58. TDK Negative Temperature Thermistor SWOT Analysis
- Table 59. TDK Business Overview
- Table 60. TDK Recent Developments
- Table 61. Semitec Corporation Negative Temperature Thermistor Basic Information
- Table 62. Semitec Corporation Negative Temperature Thermistor Product Overview
- Table 63. Semitec Corporation Negative Temperature Thermistor Sales (K Units),
- Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 64. Semitec Corporation Business Overview
- Table 65. Semitec Corporation Recent Developments
- Table 66. Mitsubishi Negative Temperature Thermistor Basic Information
- Table 67. Mitsubishi Negative Temperature Thermistor Product Overview
- Table 68. Mitsubishi Negative Temperature Thermistor Sales (K Units), Revenue (M
- USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 69. Mitsubishi Business Overview
- Table 70. Mitsubishi Recent Developments
- Table 71. Vishay Negative Temperature Thermistor Basic Information
- Table 72. Vishay Negative Temperature Thermistor Product Overview
- Table 73. Vishay Negative Temperature Thermistor Sales (K Units), Revenue (M USD),
- Price (USD/Unit) and Gross Margin (2019-2024)
- Table 74. Vishay Business Overview
- Table 75. Vishay Recent Developments
- Table 76. Shiheng Electronics Negative Temperature Thermistor Basic Information
- Table 77. Shiheng Electronics Negative Temperature Thermistor Product Overview
- Table 78. Shiheng Electronics Negative Temperature Thermistor Sales (K Units),
- Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 79. Shiheng Electronics Business Overview
- Table 80. Shiheng Electronics Recent Developments



- Table 81. AVX Negative Temperature Thermistor Basic Information
- Table 82. AVX Negative Temperature Thermistor Product Overview
- Table 83. AVX Negative Temperature Thermistor Sales (K Units), Revenue (M USD),
- Price (USD/Unit) and Gross Margin (2019-2024)
- Table 84. AVX Business Overview
- Table 85. AVX Recent Developments
- Table 86. Murata Negative Temperature Thermistor Basic Information
- Table 87. Murata Negative Temperature Thermistor Product Overview
- Table 88. Murata Negative Temperature Thermistor Sales (K Units), Revenue (M USD),
- Price (USD/Unit) and Gross Margin (2019-2024)
- Table 89. Murata Business Overview
- Table 90. Murata Recent Developments
- Table 91. Panasonic Negative Temperature Thermistor Basic Information
- Table 92. Panasonic Negative Temperature Thermistor Product Overview
- Table 93. Panasonic Negative Temperature Thermistor Sales (K Units), Revenue (M
- USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 94. Panasonic Business Overview
- Table 95. Panasonic Recent Developments
- Table 96. Fenghua Electronics Negative Temperature Thermistor Basic Information
- Table 97. Fenghua Electronics Negative Temperature Thermistor Product Overview
- Table 98. Fenghua Electronics Negative Temperature Thermistor Sales (K Units),
- Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 99. Fenghua Electronics Business Overview
- Table 100. Fenghua Electronics Recent Developments
- Table 101. Lattron Negative Temperature Thermistor Basic Information
- Table 102. Lattron Negative Temperature Thermistor Product Overview
- Table 103. Lattron Negative Temperature Thermistor Sales (K Units), Revenue (M
- USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 104. Lattron Business Overview
- Table 105. Lattron Recent Developments
- Table 106. TE Connectivity Negative Temperature Thermistor Basic Information
- Table 107. TE Connectivity Negative Temperature Thermistor Product Overview
- Table 108. TE Connectivity Negative Temperature Thermistor Sales (K Units), Revenue
- (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 109. TE Connectivity Business Overview
- Table 110. TE Connectivity Recent Developments
- Table 111. Ametherm Negative Temperature Thermistor Basic Information
- Table 112. Ametherm Negative Temperature Thermistor Product Overview
- Table 113. Ametherm Negative Temperature Thermistor Sales (K Units), Revenue (M



- USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 114. Ametherm Business Overview
- Table 115. Ametherm Recent Developments
- Table 116. Amphenol Advanced Sensors Negative Temperature Thermistor Basic Information
- Table 117. Amphenol Advanced Sensors Negative Temperature Thermistor Product Overview
- Table 118. Amphenol Advanced Sensors Negative Temperature Thermistor Sales (K
- Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 119. Amphenol Advanced Sensors Business Overview
- Table 120. Amphenol Advanced Sensors Recent Developments
- Table 121. Littelfuse Negative Temperature Thermistor Basic Information
- Table 122. Littelfuse Negative Temperature Thermistor Product Overview
- Table 123. Littelfuse Negative Temperature Thermistor Sales (K Units), Revenue (M
- USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 124. Littelfuse Business Overview
- Table 125. Littelfuse Recent Developments
- Table 126. Sinochip Electronics Negative Temperature Thermistor Basic Information
- Table 127. Sinochip Electronics Negative Temperature Thermistor Product Overview
- Table 128. Sinochip Electronics Negative Temperature Thermistor Sales (K Units),
- Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 129. Sinochip Electronics Business Overview
- Table 130. Sinochip Electronics Recent Developments
- Table 131. E WAY Technology Negative Temperature Thermistor Basic Information
- Table 132. E WAY Technology Negative Temperature Thermistor Product Overview
- Table 133. E WAY Technology Negative Temperature Thermistor Sales (K Units),
- Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 134. E WAY Technology Business Overview
- Table 135. E WAY Technology Recent Developments
- Table 136. EXSENSE Electronic Negative Temperature Thermistor Basic Information
- Table 137. EXSENSE Electronic Negative Temperature Thermistor Product Overview
- Table 138. EXSENSE Electronic Negative Temperature Thermistor Sales (K Units),
- Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 139. EXSENSE Electronic Business Overview
- Table 140. EXSENSE Electronic Recent Developments
- Table 141. Tewa Temperature Sensors Negative Temperature Thermistor Basic Information
- Table 142. Tewa Temperature Sensors Negative Temperature Thermistor Product Overview



Table 143. Tewa Temperature Sensors Negative Temperature Thermistor Sales (K

Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 144. Tewa Temperature Sensors Business Overview

Table 145. Tewa Temperature Sensors Recent Developments

Table 146. TAYAO Technology Negative Temperature Thermistor Basic Information

Table 147. TAYAO Technology Negative Temperature Thermistor Product Overview

Table 148. TAYAO Technology Negative Temperature Thermistor Sales (K Units),

Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 149. TAYAO Technology Business Overview

Table 150. TAYAO Technology Recent Developments

Table 151. JOYIN Negative Temperature Thermistor Basic Information

Table 152. JOYIN Negative Temperature Thermistor Product Overview

Table 153. JOYIN Negative Temperature Thermistor Sales (K Units), Revenue (M

USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 154. JOYIN Business Overview

Table 155. JOYIN Recent Developments

Table 156. Elscott Manufacturing Negative Temperature Thermistor Basic Information

Table 157. Elscott Manufacturing Negative Temperature Thermistor Product Overview

Table 158. Elscott Manufacturing Negative Temperature Thermistor Sales (K Units),

Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 159. Elscott Manufacturing Business Overview

Table 160. Elscott Manufacturing Recent Developments

Table 161. KOA Negative Temperature Thermistor Basic Information

Table 162. KOA Negative Temperature Thermistor Product Overview

Table 163. KOA Negative Temperature Thermistor Sales (K Units), Revenue (M USD),

Price (USD/Unit) and Gross Margin (2019-2024)

Table 164. KOA Business Overview

Table 165. KOA Recent Developments

Table 166. Sen Tech Negative Temperature Thermistor Basic Information

Table 167. Sen Tech Negative Temperature Thermistor Product Overview

Table 168. Sen Tech Negative Temperature Thermistor Sales (K Units), Revenue (M

USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 169. Sen Tech Business Overview

Table 170. Sen Tech Recent Developments

Table 171. Mingjia Electric Negative Temperature Thermistor Basic Information

Table 172. Mingjia Electric Negative Temperature Thermistor Product Overview

Table 173. Mingjia Electric Negative Temperature Thermistor Sales (K Units), Revenue

(M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 174. Mingjia Electric Business Overview



Table 175. Mingjia Electric Recent Developments

Table 176. Zhengli Group Negative Temperature Thermistor Basic Information

Table 177. Zhengli Group Negative Temperature Thermistor Product Overview

Table 178. Zhengli Group Negative Temperature Thermistor Sales (K Units), Revenue

(M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 179. Zhengli Group Business Overview

Table 180. Zhengli Group Recent Developments

Table 181. UNIX TECH Negative Temperature Thermistor Basic Information

Table 182. UNIX TECH Negative Temperature Thermistor Product Overview

Table 183. UNIX TECH Negative Temperature Thermistor Sales (K Units), Revenue (M

USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 184, UNIX TECH Business Overview

Table 185. UNIX TECH Recent Developments

Table 186. Global Negative Temperature Thermistor Sales Forecast by Region (2025-2030) & (K Units)

Table 187. Global Negative Temperature Thermistor Market Size Forecast by Region (2025-2030) & (M USD)

Table 188. North America Negative Temperature Thermistor Sales Forecast by Country (2025-2030) & (K Units)

Table 189. North America Negative Temperature Thermistor Market Size Forecast by Country (2025-2030) & (M USD)

Table 190. Europe Negative Temperature Thermistor Sales Forecast by Country (2025-2030) & (K Units)

Table 191. Europe Negative Temperature Thermistor Market Size Forecast by Country (2025-2030) & (M USD)

Table 192. Asia Pacific Negative Temperature Thermistor Sales Forecast by Region (2025-2030) & (K Units)

Table 193. Asia Pacific Negative Temperature Thermistor Market Size Forecast by Region (2025-2030) & (M USD)

Table 194. South America Negative Temperature Thermistor Sales Forecast by Country (2025-2030) & (K Units)

Table 195. South America Negative Temperature Thermistor Market Size Forecast by Country (2025-2030) & (M USD)

Table 196. Middle East and Africa Negative Temperature Thermistor Consumption Forecast by Country (2025-2030) & (Units)

Table 197. Middle East and Africa Negative Temperature Thermistor Market Size Forecast by Country (2025-2030) & (M USD)

Table 198. Global Negative Temperature Thermistor Sales Forecast by Type (2025-2030) & (K Units)



Table 199. Global Negative Temperature Thermistor Market Size Forecast by Type (2025-2030) & (M USD)

Table 200. Global Negative Temperature Thermistor Price Forecast by Type (2025-2030) & (USD/Unit)

Table 201. Global Negative Temperature Thermistor Sales (K Units) Forecast by Application (2025-2030)

Table 202. Global Negative Temperature Thermistor Market Size Forecast by Application (2025-2030) & (M USD)



List Of Figures

LIST OF FIGURES

- Figure 1. Product Picture of Negative Temperature Thermistor
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global Negative Temperature Thermistor Market Size (M USD), 2019-2030
- Figure 5. Global Negative Temperature Thermistor Market Size (M USD) (2019-2030)
- Figure 6. Global Negative Temperature Thermistor Sales (K Units) & (2019-2030)
- Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 9. Evaluation Matrix of Regional Market Development Potential
- Figure 10. Negative Temperature Thermistor Market Size by Country (M USD)
- Figure 11. Negative Temperature Thermistor Sales Share by Manufacturers in 2023
- Figure 12. Global Negative Temperature Thermistor Revenue Share by Manufacturers in 2023
- Figure 13. Negative Temperature Thermistor Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2023
- Figure 14. Global Market Negative Temperature Thermistor Average Price (USD/Unit) of Key Manufacturers in 2023
- Figure 15. The Global 5 and 10 Largest Players: Market Share by Negative Temperature Thermistor Revenue in 2023
- Figure 16. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 17. Global Negative Temperature Thermistor Market Share by Type
- Figure 18. Sales Market Share of Negative Temperature Thermistor by Type (2019-2024)
- Figure 19. Sales Market Share of Negative Temperature Thermistor by Type in 2023
- Figure 20. Market Size Share of Negative Temperature Thermistor by Type (2019-2024)
- Figure 21. Market Size Market Share of Negative Temperature Thermistor by Type in 2023
- Figure 22. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 23. Global Negative Temperature Thermistor Market Share by Application
- Figure 24. Global Negative Temperature Thermistor Sales Market Share by Application (2019-2024)
- Figure 25. Global Negative Temperature Thermistor Sales Market Share by Application in 2023
- Figure 26. Global Negative Temperature Thermistor Market Share by Application (2019-2024)



Figure 27. Global Negative Temperature Thermistor Market Share by Application in 2023

Figure 28. Global Negative Temperature Thermistor Sales Growth Rate by Application (2019-2024)

Figure 29. Global Negative Temperature Thermistor Sales Market Share by Region (2019-2024)

Figure 30. North America Negative Temperature Thermistor Sales and Growth Rate (2019-2024) & (K Units)

Figure 31. North America Negative Temperature Thermistor Sales Market Share by Country in 2023

Figure 32. U.S. Negative Temperature Thermistor Sales and Growth Rate (2019-2024) & (K Units)

Figure 33. Canada Negative Temperature Thermistor Sales (K Units) and Growth Rate (2019-2024)

Figure 34. Mexico Negative Temperature Thermistor Sales (Units) and Growth Rate (2019-2024)

Figure 35. Europe Negative Temperature Thermistor Sales and Growth Rate (2019-2024) & (K Units)

Figure 36. Europe Negative Temperature Thermistor Sales Market Share by Country in 2023

Figure 37. Germany Negative Temperature Thermistor Sales and Growth Rate (2019-2024) & (K Units)

Figure 38. France Negative Temperature Thermistor Sales and Growth Rate (2019-2024) & (K Units)

Figure 39. U.K. Negative Temperature Thermistor Sales and Growth Rate (2019-2024) & (K Units)

Figure 40. Italy Negative Temperature Thermistor Sales and Growth Rate (2019-2024) & (K Units)

Figure 41. Russia Negative Temperature Thermistor Sales and Growth Rate (2019-2024) & (K Units)

Figure 42. Asia Pacific Negative Temperature Thermistor Sales and Growth Rate (K Units)

Figure 43. Asia Pacific Negative Temperature Thermistor Sales Market Share by Region in 2023

Figure 44. China Negative Temperature Thermistor Sales and Growth Rate (2019-2024) & (K Units)

Figure 45. Japan Negative Temperature Thermistor Sales and Growth Rate (2019-2024) & (K Units)

Figure 46. South Korea Negative Temperature Thermistor Sales and Growth Rate



(2019-2024) & (K Units)

Figure 47. India Negative Temperature Thermistor Sales and Growth Rate (2019-2024) & (K Units)

Figure 48. Southeast Asia Negative Temperature Thermistor Sales and Growth Rate (2019-2024) & (K Units)

Figure 49. South America Negative Temperature Thermistor Sales and Growth Rate (K Units)

Figure 50. South America Negative Temperature Thermistor Sales Market Share by Country in 2023

Figure 51. Brazil Negative Temperature Thermistor Sales and Growth Rate (2019-2024) & (K Units)

Figure 52. Argentina Negative Temperature Thermistor Sales and Growth Rate (2019-2024) & (K Units)

Figure 53. Columbia Negative Temperature Thermistor Sales and Growth Rate (2019-2024) & (K Units)

Figure 54. Middle East and Africa Negative Temperature Thermistor Sales and Growth Rate (K Units)

Figure 55. Middle East and Africa Negative Temperature Thermistor Sales Market Share by Region in 2023

Figure 56. Saudi Arabia Negative Temperature Thermistor Sales and Growth Rate (2019-2024) & (K Units)

Figure 57. UAE Negative Temperature Thermistor Sales and Growth Rate (2019-2024) & (K Units)

Figure 58. Egypt Negative Temperature Thermistor Sales and Growth Rate (2019-2024) & (K Units)

Figure 59. Nigeria Negative Temperature Thermistor Sales and Growth Rate (2019-2024) & (K Units)

Figure 60. South Africa Negative Temperature Thermistor Sales and Growth Rate (2019-2024) & (K Units)

Figure 61. Global Negative Temperature Thermistor Sales Forecast by Volume (2019-2030) & (K Units)

Figure 62. Global Negative Temperature Thermistor Market Size Forecast by Value (2019-2030) & (M USD)

Figure 63. Global Negative Temperature Thermistor Sales Market Share Forecast by Type (2025-2030)

Figure 64. Global Negative Temperature Thermistor Market Share Forecast by Type (2025-2030)

Figure 65. Global Negative Temperature Thermistor Sales Forecast by Application (2025-2030)



Figure 66. Global Negative Temperature Thermistor Market Share Forecast by Application (2025-2030)



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