

Global NTC Thermostat Market Growth 2023-2029

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Abstracts

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An NTC (Negative Temperature Coefficient) 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 (NTC) 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.

LPI (LP Information)' newest research report, the "NTC Thermostat Industry Forecast" looks at past sales and reviews total world NTC Thermostat sales in 2022, providing a comprehensive analysis by region and market sector of projected NTC Thermostat sales for 2023 through 2029. With NTC Thermostat sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world NTC Thermostat industry.

This Insight Report provides a comprehensive analysis of the global NTC Thermostat landscape and highlights key trends related to product segmentation, company

formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on NTC Thermostat portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global NTC Thermostat market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for NTC Thermostat and breaks down the forecast by type, by application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global NTC Thermostat.

The global NTC Thermostat market size is projected to grow from US\$ 609.6 million in 2022 to US\$ 777.1 million in 2029; it is expected to grow at a CAGR of 777.1 from 2023 to 2029.

NTC (Negative Temperature Coefficient) Thermistors market is relatively fragmented with fierce competition. Thinking Electronic is the world leading player in global NTC Thermistors market with the market share of 16%, in terms of revenue, followed by Shibaura, TDK, Semitec Corporation, Mitsubishi, Vishay, Shiheng Electronics, AVX, Murata and Panasonic. The top 10 listed companies accounted for 69% of the revenue market share.

The penetration of NTC Thermistors has risen over the past few years in applications ranging from consumer electronics to automotive. Asia Pacific is the largest downstream regions, occupied about 71% of market share, in terms of volume.

The classification of Negative Temperature Coefficient Thermistor include Radial Type, Diode Type, Wire Bonding Type, Film Type, SMD Type, Wire Type and Chip in Glass Type. The market share of SMD Type is about 26%.

Negative Temperature Coefficient Thermistor's application are Consumer Electronics, Medical Instruments, Automotive, Home Appliance, Industrial Equipment, Aerospace & Defense and Others. The most proportion of Negative Temperature Coefficient Thermistor are 30% market shares.

This report presents a comprehensive overview, market shares, and growth opportunities of NTC Thermostat market by product type, application, key

manufacturers and key regions and countries.

Market Segmentation:

Segmentation by type

Mechanical

Digital

Segmentation by application

Online

Offline

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

Ascon Technologic

ENDA

Seitron

Sauter

BMR

Carel

Key Questions Addressed in this Report

What is the 10-year outlook for the global NTC Thermostat market?

What factors are driving NTC Thermostat market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do NTC Thermostat market opportunities vary by end market size?

How does NTC Thermostat break out type, application?

What are the influences of COVID-19 and Russia-Ukraine war?

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