

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

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#### **Abstracts**

According to our (Global Info Research) latest study, the global Automotive Temperature Sensor market size was valued at USD 1325 million in 2023 and is forecast to a readjusted size of USD 1464 million by 2030 with a CAGR of 1.4% during review period.

Global key players of Automotive Temperature Sensor include Bosch, Sensata Technologies, Denso, BorgWarner, Continental and TE Connectivity, etc. Top three players occupy for a share about 47%. Europe is the largest market, with a share about 26%, followed by North America and China. In terms of product, Thermistor Type is the largest segment, with a share over 96%. In terms of application, Passenger Vehicle is the largest market, with a share over 73%.

The Global Info Research report includes an overview of the development of the Automotive Temperature Sensor industry chain, the market status of Passenger Vehicle (Thermistor Temperature Sensor, Thermocouple Temperature Sensor), Commercial Vehicle (Thermistor Temperature Sensor, Thermocouple Temperature Sensor), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Automotive Temperature Sensor.

Regionally, the report analyzes the Automotive Temperature Sensor markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Automotive Temperature Sensor market, with robust domestic demand, supportive policies, and a strong manufacturing base.



#### Key Features:

The report presents comprehensive understanding of the Automotive Temperature Sensor market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Automotive Temperature Sensor industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (M Units), revenue generated, and market share of different by Type (e.g., Thermistor Temperature Sensor, Thermocouple Temperature Sensor).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Automotive Temperature Sensor market.

Regional Analysis: The report involves examining the Automotive Temperature Sensor market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Automotive Temperature Sensor market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Automotive Temperature Sensor:

Company Analysis: Report covers individual Automotive Temperature Sensor manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Automotive Temperature Sensor This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application



(Passenger Vehicle, Commercial Vehicle).

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

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Automotive Temperature Sensor market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Automotive Temperature Sensor market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

Thermistor Temperature Sensor

Thermocouple Temperature Sensor

Market segment by Application

Passenger Vehicle

Commercial Vehicle

Major players covered

Bosch



	Sensata Technologies
	Denso
	BorgWarner
	Continental
	TE Connectivity
	Hella
	Valeo
	Panasonic
	TDK
	Qufu Temb Auto Parts Manufacturing
	Inzi Controls Co
	Wuhan Huagong Xingaoli Electron
	Nippon Thermostat Co
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 Automotive Temperature Sensor product scope, market overview, market estimation caveats and base year.

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

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

Chapter 4, the Automotive Temperature Sensor breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023.and Automotive Temperature Sensor market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Automotive Temperature Sensor.

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



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