

Global Temperature Sensors Market Size study, By Type (Thermistor, Resistance Temperature Detector [RTD], Thermocouple, Temperature Sensor IC, Non-Contact Sensors), By Industry Verticals (Automotive, Electronica, Manufacturing, Aerospace & Defense, Oil & Gas, Healthcare, Marine, Others) and Regional Forecasts 2022-2028

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Abstracts

Global Temperature Sensors Market is valued at approximately USD XX million in 2021 and is anticipated to grow with a healthy growth rate of more than XX % over the forecast period 2022-2028.

The Temperature Sensors can be defined as an electronic device, which measures the temperature and then convert the data and save it for the record. Temperature Sensors simply means that measure the temperature whether it is cold or hot. The temperature may be air temperature, liquid temperature and many more. The foremost key factor driving is increasing demand in the oil and gas industry due to increase in the market demand across the world. Temperature Sensors are commonly used in the oil and gas industry. It is very useful for it. For instance, according to Statista, the oil production in the year 2020 is USD 4170.9 million and the oil production in the year 2021 is USD 4221.4 million. Moreover, one more key factor driving is increasing the growth of the food and beverages industry due to the increase in the growth of the Temperature Sensors Market. The food and beverages industry increases the demand in the market. For instance, according to the United State Census Bureau, the sale of food in the month of May 2022 is USD 673.9 billion and the sales of food in the month of June 2022 is USD 680.6 billion. The opportunity for the Temperature Sensors Market is technological advancement due to an increase in the market growth over the forecast

period. In temperature Sensors, new technology launches which boost the market growth in the future time. However, the high cost of temperature sensors is impeding the growth of the market over the forecast period of 2022-2028.

The key regions considered for the global Temperature Sensors market study include Asia Pacific, North America, Europe, Latin America, and the Rest of the World. North America is the leading region across the world in terms of market share owing to the growing trend of increasing the demand for oil industry as well as increasing the development and betterment of temperature sensors. The Asia Pacific is the fastest growing region of the temperature sensors market due to increase the in market growth across the world. It increases the demand of the automotive industry and would create lucrative growth prospects for the Temperature Sensors market across the Asia Pacific region.

Major market players included in this report are:

ABB Group

Emerson Electric Co.

Honeywell International, Inc.

Denso Corporation

STMicroelectronics N.V

Infineon Technologies AG

Robert Bosch GmbH

NXP Semiconductors N.V.

TDK- Micronas GmbH

Omron Corporation

The objective of the study is to define the market sizes of different segments & countries in recent years and to forecast the values for the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with a detailed analysis of the competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type

Thermistor

Resistance Temperature Detector (RTD)

Thermocouple

Temperature Sensor IC

Non-Contact Sensors

By Industrial Verticals

Automotive

Electronics

Manufacturing

Aerospace & Defense

Oil & Gas

Healthcare

Marine

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019, 2020

Base year – 2021

Forecast period – 2022 to 2028

Target Audience of the Global Temperature Sensors Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

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