

# Temperature Sensors - Global Market Outlook (2017-2026)

<https://marketpublishers.com/r/TA66BB07126EN.html>

Date: August 2019

Pages: 158

Price: US\$ 4,150.00 (Single User License)

ID: TA66BB07126EN

## Abstracts

According to Statistics MRC, the Global Temperature Sensors market is accounted for \$5.29 billion in 2017 and is expected to reach \$9.56 billion by 2026 growing at a CAGR of 6.8% during the forecast period. Some of the key factors such as the recent technical advancement in petrochemical manufacturing, growing approval of home and building automation systems, rising massive demand of medical sensors due to increase in the number of diseases are driving the growth of the market. However, accessibility of various technologies, and refuse in pc market which is restraining the growth of the market.

Temperature Sensor is only a device ordinarily a RTD or thermocouple accommodates temperature estimation through an electrical sign. Temperature sensor plays a crucial role in different applications, for example, food preparing, HVAC environmental control, medical devices, chemical conduct and automotive under the hood monitoring.

Based on Product Type, Thermostat is a factor which detects the temperature of a physical creature and performs activities with the goal that the system temperature is kept up by a required set point. It works as a closed loop control device, as it looks to diminish the issue among the required and estimated temperatures. At times a thermostat joins commonly the detecting and control activity essentials of a controlled system, for example, in an automotive thermostat.

By Geography, Asia pacific has a sturdy demand for consumer equipment, as well as portable healthcare electronics and white goods. Growing industrial automation, mainly in the automotive and food & beverages sectors, will produce demand for temperature sensors in Asia pacific. It will emerge as the fastest-growing region for temperature sensors market owing to the rising demand for high-performance sensors.

Some of the key players profiled in the Temperature Sensors Market include Texas Instruments, Siemens, NXP Semiconductors, Microchip Technology, Honeywell International, Emerson Electric, Analog Devices, Amphenol, ABB Limited, Yamari Industries, Robert Bosch GmbH, On Semiconductor, Okazaki Manufacturing Company, Maxim Integrated, Kongsberg Gruppen, Integrated Device Technology, Global Mixed Mode Technology, and Endress+Hauser Management.

#### Product Types Covered:

Semiconductor Based Sensors

Temperature Transmitters

Thermometer

Thermopile

Thermostat

Non Contact Type

Contact Type

#### Deployments Covered:

Wireless

Wired

#### Metals Covered:

Tungsten

Silicon

Platinum

Nickel

Copper

Other Metals

Alloys Covered:

Type T

Type N

Type M

Type K

Type J

Type E

Type C

Other Alloys

Applications Covered:

Retail

Institutional

Commercial

End Users Covered:

Research and Exploration

Pulp & Paper

Oil & Gas

Metals & Mining

Life Sciences

HVAC (Heating, Ventilation and Air Conditioning) Industry

Healthcare

Glass

Environmental

Energy & Power

Consumer Electronics

Chemical & Petrochemical

Automation and Instrumentation

Advanced Fuels

Food and Beverage

Aerospace and Defense

Power Industry

Automotive

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

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Market share analysis of the top industry players

Strategic recommendations for the new entrants

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Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

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SWOT Analysis of key players (up to 3)

##### Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the clients interest (Note: Depends of feasibility check)

##### Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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