

# Global Temperature and Humidity Sensor Market Growth 2025-2031

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## Abstracts

The global Temperature and Humidity Sensor market size is predicted to grow from US\$ million in 2025 to US\$ million in 2031; it is expected to grow at a CAGR of % from 2025 to 2031.

The impact of the latest U.S. tariff measures and the corresponding policy responses from countries worldwide on market competitiveness, regional economic performance, and supply chain configurations will be comprehensively evaluated in this report.

Temperature and humidity sensor is a kind of sensor that detects the temperature and humidity of the external environment. It converts the measured ambient temperature and humidity into electrical (frequency) signals for easy processing, display and recording. It is an important chemical sensor, and is widely used in warehousing, industrial production, process control, environmental monitoring, household appliances and meteorology.

United States market for Temperature and Humidity Sensor is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

China market for Temperature and Humidity Sensor is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Europe market for Temperature and Humidity Sensor is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Global key Temperature and Humidity Sensor players cover Sensirion, Amphenol,

Honeywell, Bosch, Sillicon Labs, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2024.

LP Information, Inc. (LPI) ' newest research report, the "Temperature and Humidity Sensor Industry Forecast" looks at past sales and reviews total world Temperature and Humidity Sensor sales in 2024, providing a comprehensive analysis by region and market sector of projected Temperature and Humidity Sensor sales for 2025 through 2031. With Temperature and Humidity Sensor sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Temperature and Humidity Sensor industry.

This Insight Report provides a comprehensive analysis of the global Temperature and Humidity Sensor 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 Temperature and Humidity Sensor portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Temperature and Humidity Sensor market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Temperature and Humidity Sensor 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 Temperature and Humidity Sensor.

This report presents a comprehensive overview, market shares, and growth opportunities of Temperature and Humidity Sensor market by product type, application, key manufacturers and key regions and countries.

### **Segmentation by Type:**

Capacitive Type

Resistive Type

Other

### **Segmentation by Application:**

Automotive

Household Appliances

Industrial Production

Environmental Monitoring

Other

### **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 analysing the company's coverage, product portfolio, its market penetration.

Sensirion

Amphenol

Honeywell

Bosch

Silicon Labs

TE Connectivity

Texas Instruments

STMicroelectronics

ALPS

Invensense

Infineon Technologies

Robert Bosch

TDK

NXP Semiconductor

Continental AG

Murata

Delphi Automotive

Analog Devices

Omron

Panasonic

QTI Sensing Solutions

Sensata Technologies

### **Key Questions Addressed in this Report**

What is the 10-year outlook for the global Temperature and Humidity Sensor market?

What factors are driving Temperature and Humidity Sensor market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?  
How do Temperature and Humidity Sensor market opportunities vary by end market size?  
How does Temperature and Humidity Sensor break out by Type, by Application?

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