

# **Global Wireless Sensors Market Size study & forecast, by Type (Pressure Sensors, Temperature Sensors, Chemical and Gas Sensors, Position and Proximity Sensors, Other Types of Sensors) by End-user Industry (Automotive, Healthcare, Aerospace and Defense, Energy and Power, Food and Beverage, Other End-user Industries) and Regional Analysis, 2022-2029**

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## **Abstracts**

Global Wireless Sensors Market is valued approximately USD XXX billion in 2021 and is anticipated to grow with a healthy growth rate of more than XXX% over the forecast period 2022-2029. Wireless sensors are devices that can detect and measuring various physical and environmental parameters, such as temperature, pressure, humidity, light, and sound, and transmitting the data wirelessly to a receiving device or network. They typically consist of a sensing element, a wireless transceiver, and a power source, and can be deployed in a wide range of applications, including industrial monitoring, environmental monitoring, home automation, and healthcare. Wireless sensors are often designed to be compact, portable, and easy to install, making them ideal for use in remote or hard-to-reach locations. They can operate on a variety of wireless communication protocols, such as Bluetooth, Zigbee, Wi-Fi, and cellular, depending on the application requirements. The global wireless sensor market is projected to experience remarkable expansion over the forecast period, due to the surge in the adoption of wireless sensors in IoT applications. Also, the market outlook for wireless sensors is significantly driven by the rise in the usage of wireless-sensor applications for remote monitoring. Also, the expansion of smart cities, buildings, and factories is anticipated to influence the direction of the manufacturing industries by standardized the

processes.

Moreover, the rising adoption of internet of things (IoT) connected devices globally is anticipated to create the lucrative demand for the market. The IoT devices require wireless sensors to collect data and communicate with other devices, making them a critical component in IoT systems. According to Statista, in 2019, number of internet of things (IoT) connected devices worldwide was 8.6 million; in 2022 the number reached 13.14 million and it is anticipated to reach 23.14 million by 2027. As a result, the rising adoption of IoT connected devices is anticipated to support the market growth. Additionally, rising adoption of wireless sensors in wearable devices is anticipated to create the lucrative opportunity for the market during forecast period. However, the high risk associated with data privacy and security related concerns stifles market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global Wireless Sensors Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America is the dominating region across the world in terms of market share, owing to the presence of key market players, growing adoption of advanced wearable solutions, and growing adoption smart homes and factory in the region. Whereas, Asia Pacific is also anticipated to exhibit highest growth rate over the forecast period, owing to factors such as rising adoption of smart connected devices, growing investment for the development of industry 4.0 and riding demand for the smart wearable devices would create lucrative growth prospects for the Wireless Sensors market across Asia Pacific region.

Major market player included in this report are:

ABB Ltd.

Texas Instruments Inc.

STMicroelectronics

Emerson Electric Co.

Honeywell International Inc.

Siemens AG, Schneider Electric

General Electric Company

NXP Semiconductors.

Rockwell Automation Inc.

TE Connectivity Ltd.

Broadcom Inc.

Recent Developments in the Market:

In October 2022, Siemens collaborated with Volta Trucks to speed up commercial fleet electrification. In the liquid cooling system of an electric car, pressure is an important

variable. Pressure sensors are essential for detecting pressure loss that can indicate a leak and providing input for regulating and optimizing cooling systems.

Global Wireless Sensors Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Type, End-user Industry, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope\*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type:

Pressure Sensors

Temperature Sensors

Chemical and Gas Sensors

Position and Proximity Sensors

Other Types of Sensors

By End-user Industry:

Automotive

Healthcare

Aerospace and Defense

Energy and Power

Food and Beverage

Other End-user Industries

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  
RoLA  
Rest of the World

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