

Europe Pressure Sensors - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)

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Report description:

The Europe Pressure Sensors Market size is estimated at USD 3.04 billion in 2025, and is expected to reach USD 3.98 billion by 2030, at a CAGR of 5.53% during the forecast period (2025-2030).

Key Highlights

- The European pressure sensor market is estimated to grow at a healthy rate during the forecast period. The growing use of pressure sensors in particular automotive and medical sectors worldwide, as well as rising trends related to the Internet of Things technology, are expected to fuel the growth of the Pressure Sensors market over the forecast period.
- The high rate of development of new treatment methods, medical equipment, and protocols in the region is boosting the European healthcare equipment and devices industry to grow significantly. The increasing government expenditure on healthcare is further estimated to develop a market for pressure sensors in the region.
- The automotive industry is also growing at a healthy rate in the region; Germany is leading the race. With increasing electric vehicle production and increasing connected vehicles concept in Europe, the market for pressure sensors in the region is expected to witness significant growth.
- The growth of the pressure sensors market is also expected to be triggered by developments in Smart Cities' growing use of Microelectromechanical Systems technologies. Moreover, the market for pressure sensors is expected to be held back in the time horizon by high device costs, weak profit margins, and the maturity of end-user segments.
- Moreover, potential opportunities for the growth of the pressure sensors market in coming years will be further enhanced by technological developments and favorable government regulations relating to products as well as wide mass adoption of IoT and remote connectivity. Nevertheless, the growth of the market for pressure sensors could continue to be hampered by a high legal barrier in the near future.
- However, a significant challenge in the pressure sensor industry is the continuous reduction in pricing and shrinking profit

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margins. As competition intensifies, manufacturers are pressured to offer cost-effective solutions while maintaining high quality. The commoditization of certain sensor types further intensify this issue, requiring innovation to reduce production costs.

Europe Pressure Sensors Market Trends

Automotive Industry to Show Significant Growth

- The industry is engaged in efforts to increase efficiency and ensure greater control accuracy of engines as it moves towards compliance with global regulations on the environment in Europe. For the control of gasoline and diesel engines, a higher level of accuracy is required for pressure sensors to monitor conditions like air volume and exhaust gas pressures in EGR systems and increase their efficiency.
- In addition, the use of pressure sensors in automobiles needs to be highly accurate and very low priced due to an increasing number of applications for pressure sensors that include barometric pressure sensors, which are used along with altitude correction during road travel at altitudes higher than 500 meters.
- Many European automobile manufacturers are located here, which has been a critical factor in the increasing use of pressure sensors in this region. A significant driver for using pressure sensors in Europe is increasing government standards and safety requirements at the company level. Some of the major countries that have contributed to this market growth are Germany and the United Kingdom.
- Moreover, according to the World's Top Exports, among continents, European countries sold the highest dollar worth of automotive parts exports during 2023. In 2023, Germany exported motor vehicle parts to the value of about USD 67 billion, making it the leading exporting country of such items.
- Many European countries, such as Germany and Sweden, are increasing their automotive safety standards. As a result, Europe is estimated to be the fastest-growing market for pressure sensors for automotive braking applications over the forecast period.

Germany to Hold the Highest Market Share

- Germany's automotive industry is crucial, leading the world in producing cars and trucks. In high-technology automotive products, e.g., automated driving systems, Germany has also become one of the most powerful countries in the world. Germany's automobile sector made a revenue of approximately EUR 558.11 billion (USD 583.64 billion) in 2023. This amounted to an increase compared to about EUR 506 billion (USD 529.15 billion) in 2022.
- The strong demand from the automotive industry is primarily responsible for the pressure sensors sector. The immense demand for pressure sensors from the automotive industry has been caused by stringent government rules concerning their use in various applications. Moreover, manufacturers and suppliers of the German automotive industry will make more than EUR 220 billion (USD 230.07 billion) in investments in Electric Mobility from 2022 until 2026, as well as Digitalisation. This can be one of the significant factors for the growth of the studied market in the country.
- Germany is the world's largest producer of lignite. The power generation industry is also evolving rapidly in Europe. As the pressure sensor implies substantial benefits in power plants, the demand for a pressure sensor in Europe's power generation industry is expected to be significantly boosted.
- Owing to the prominence of manufacturing in the country, the scope of automation is significant, and with it, enterprises are increasingly adopting robotic solutions to automate processes. According to IFR, in 2023, Germany had the fourth-highest robot density in the world and number one in Europe. About 28,355 units were installed in 2023, representing a growth of 3.2% compared to the previous years. Such developments in the country are expected to further the need for pressure sensors to operate indoor and outdoor robotics installations.

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Europe Pressure Sensors Industry Overview

The European Pressure Sensor market is highly competitive and consists of several domestic and international players. The companies focus on significant innovations in the studied industry and acquisitions to establish a strong market presence. Some major players are ABB Limited, Bosch Sensortech GmbH, Endress+Hauser AG, Schneider Electric SE, and Kistler Group.

In summary, the European pressure sensors market is experiencing robust growth driven by advancements in technology, particularly within the automotive and industrial sectors. As regulatory standards tighten and demand for automation increases, pressure sensors will play a crucial role in enhancing safety, efficiency, and performance across various applications.

Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

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