

North America Safety Connection Devices - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)

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Report description:

The NA Safety Connection Devices Market size is estimated at USD 49.43 billion in 2025, and is expected to reach USD 73.87 billion by 2030, at a CAGR of 8.36% during the forecast period (2025-2030).

Key Highlights

- North America is one of the world's largest and most advanced markets for safety connection solutions. The strong economy, with notable energy and power sector and key manufacturing indices, results in significant growth in manufacturing, and it is poised to drive the demand for the studied market in the region. Sectors, including automotive, pharmaceutical, oil & gas, and manufacturing, are the region's largest sources of demand for safety connection solutions.
- Different categories of professional work are being automated with automated production equipment, ranging from production workers to engineers. This wide range and increasing automation is increasing the demand for safety connection devices from various end-user industries.
- With the advent of Industry 4.0, factory automation ensures a safe working environment for workers. Hence, as the demand for automation in industries is increasing, safety connection devices will also witness an increase.
- According to the World Robotics Report 2023 published by the International Federation of Robotics, the United States is the second largest industrial robot user in the world, with a robot density of approximately 274, an increase from 255 in 2020. The country has a high dependency on imports related to industrial robots, with a majority of them coming from Japan and Europe.
- On the other hand, the high cost of safety connection devices and lack of awareness about its developments in the industry is restraining the market growth.
- Further, the pandemic harmed the studied market as most of the development and construction plans were deferred, as the North American region witnessed a lockdown for several months. However, the Healthcare industry witnessed some developments in Safety Connection Devices to remotely handle isolated areas and ensure the confinement of the area.

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North America Safety Connection Devices Market Trends

Automotive Industry to Show Significant Growth

- The automotive industry is one of the fastest-growing consumers of safety connection devices. With the growing demand for Electric Vehicles across the regions, companies are pushing toward automated systems to increase the productivity of the existing plants.
- Many automotive manufacturers are either establishing new manufacturing infrastructures across the world or moving the processes of automotive manufacturing from manual labor to robotic machinery. For instance, in Sep 2022, Continental announced a major investment with the opening of its new automotive manufacturing facility in New Braunfels, Texas.
- Moreover, the United States automotive industry is investing billions of dollars into building new factories owing to new federal legislation and increased demand for electric vehicles. In 2023, automakers and tracked suppliers announced over USD 84 billion in capital investment projects across the US., including new auto assembly plants and battery-manufacturing facilities.
- Nissan's introduction of the Intelligent Factory Initiative to respond to emerging needs and trends brought about the rapid growth and advancement of the automotive industry. The Initiative enables Nissan to use robots that have inherited the skills of Takumi (master technicians) to manufacture next-generation vehicles.
- The automotive industry is thus deploying safety connection devices so as to make controllers, and other devices communicate with each other.

United States to Hold the Highest Market Share

- The United States is estimated to be the fastest-growing market in the region for safety connection devices. Industries are adopting automation, thus making the machines more complex. This ultimately demands more secure and reliable connection devices for the applications. The presence of a large number of domestic and international smart manufacturing companies in the region, rapid implementation of smart homes, and expansion of IoT in businesses are projected to drive the safety connection device market in this region.
- The automotive sector is a major driver of growth for safety connection devices, particularly due to the rise of Electric Vehicles (EVs) and automation in manufacturing processes. Companies like Nissan and Volkswagen are investing in smart factories that utilize advanced robotics, which necessitates reliable safety connection devices for communication between machines.
- The U.S. government has recently introduced a cybersecurity safety label for smart devices, aimed at enhancing consumer awareness regarding the security features of connected devices. This initiative reflects the growing importance of cybersecurity in the realm of safety connection technologies.
- Smart home technology has taken the home's safety to the next level. Not only alarms, modern cameras, motion sensors, and even smart door locks enable users to turn their home into a real fortress and immediately send a message to their smartphone if something happens. All these functionalities urge reliable safety connection devices, which further fuel the growth.
- Factory automation for greenfield projects, coupled with rapidly increasing activities across process and discrete industries in the emerging economies of North America, has created a massive demand for safety connection devices. Furthermore, the market in the region has been aided by government initiatives, such as National Strategy for Advanced Manufacturing.

North America Safety Connection Devices Industry Overview

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The North America Safety Connection Device market is moderately fragmented and consists of several players. In terms of market share, few of the major players currently dominate the market. However, with innovative and sustainable packaging, many companies are increasing their market presence by securing new contracts and tapping new markets. Key players in the market are ABB Ltd., Siemens AG, Rockwell Automation Inc., and others.

In summary, the North American safety connection devices market is evolving rapidly with trends centered around automation, smart manufacturing, enhanced workplace safety measures, advancements in wearable technology, and the expansion of smart home solutions. These trends highlight the increasing importance of reliable safety connection devices in ensuring safe operational environments across industries.

Additional Benefits:

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

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