

Global Industrial Ethernet Connector Market Size study & Forecast, by Type (RJ45 Connectors, M12 Connectors, M8 Connectors, iX Industrial Interface), by Application (Control Cabinets, Robotics, Motor/Motor Controls, Machinery, Others (PLC)) and Regional Analysis, 2023-2030

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Abstracts

Global Industrial Ethernet Connector Market is valued at approximately USD 708.6 Million in 2022 and is anticipated to grow with a healthy growth rate of more than 5.7% during the forecast period 2023-2030. An Industrial Ethernet Connector is a specialized connector designed for use in industrial environments where reliability, robustness, and high-performance data communication are essential. Ethernet is a widely used networking standard for transmitting data between devices in various industries, and industrial Ethernet connectors play a crucial role in facilitating communication within industrial automation systems. The Industrial Ethernet Connector Market is expanding because of factors such as increasing industrial automation, growing adoption of Industrial Internet of Things (IIoT), and expansion of smart factories across the globe.

The growing adoption of the Industrial Internet of Things (IIoT) is a pivotal driver behind the robust expansion of the Industrial Ethernet Connector Market. As industries increasingly embrace IIoT technologies to enhance operational efficiency and decision-making, the demand for reliable and high-performance communication networks has surged. Industrial Ethernet Connectors play a critical role in facilitating seamless data exchange between interconnected devices and systems within industrial environments. The Statista report states that the global Industrial Internet of Things (IIoT) market size in the year 2021 stood at USD 263.52 billion which increased to USD 323.62 billion in the year 2022 and it is projected to reach USD 1110 billion by the year 2028. This rising

market share is resulting in market growth. In addition, government initiatives to promote digitalization and technological advancements in industries and migration to gigabit and 10-gigabit ethernet are creating new opportunities for market growth. However, cyber security concerns and the absence of universal standards for Industrial Ethernet Connectors stifle market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Industrial Ethernet Connector Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. Europe is anticipated to experience substantial growth in the forecast period, primarily driven by the dominance of key market players, increased adoption of IoT devices, and the expanding footprint of industrial automation. The region is further poised for the fastest growth, propelled by factors such as the growing prevalence of industrial automation, the expanding scope of factory automation, and increased investments in industrial development initiatives.

Major market player included in this report are:

Amphenol Corporation

Belden Incorporated

Harting Technology Group

Hirose Electric Co Ltd

Hubbell Incorporated

LAPP Group

Phoenix Contact

Siemens AG

TE Connectivity

Weidmuller GmbH & Co. KG

Recent Developments in the Market:

In August 2021, Amphenol Corporation unveiled the iX Industrial Series of connectors, representing a cutting-edge solution in industrial Ethernet connectivity tailored for factory and process automation, human interface devices, and the robotics sector. This next-generation connector boasts a compact design, being approximately 70% smaller than an RJ45 connector. With the capability to achieve high transmission speeds of up to 10 Gbps, it supports CAT6 and CAT7 protocols, facilitating the seamless transfer of large volumes of data across various industrial applications.

Global Industrial Ethernet Connector Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

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

Segments Covered – Type, Application, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

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:

RJ45 Connectors

M12 Connectors

M8 Connectors

iX Industrial Interface

By Application:

Control Cabinets

Robotics

Motor/Motor Controls

Machinery

Others (PLC)

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

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

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