

World Industrial Market for Connectors 2021

Research Report M-607-21
April 2021



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World Industrial Market for Connectors

Bishop & Associates Inc. announces the release of a new six-chapter, 297-page research report that provides a detailed analysis of the world industrial market for connectors. This report focuses on three key segments:

Factory Automation and Machinery, covering

- Smart Factories (Industry 4.0 & 5.0)
- Automation & Networking
- Industrial Robotics

Construction and Civil Engineering, covering

- Smart Cities
- Smart Buildings
- Construction Equipment

Energy Markets, covering

- Smart Grid & Digitization
- Renewable Energy
- Energy Storage

World Industrial Market for Connectors provides a detailed analysis of these above three segments, including equipment and connector products found within each of the segments. Connectors sales numbers are provided for each of these key segments, by region, and product type for the years 2019, 2020, 2021F, and 2026F.

The industrial market for connectors proved to be very resilient during the COVID-19 pandemic. As this report is published the pandemic is still very much a part of our lives and we do not know yet exactly what the long-term effects will be. When we assess the full year 2020 compared to 2019, it turns out the global connector market, after a sharp decline early in the year, made a remarkable recovery the second half of 2020. So much so, that the industrial market for connectors only declined by 2.3% versus 2019. The global connector market did slightly better, resulting in a 2.2% contraction versus 2019.

While assessing the performance of the industrial market for connectors it is important to consider some important megatrends that were visible even before the pandemic hit. These trends affected the manufacturing and energy sectors and include:

- Digital Transformation of the manufacturing industry, implementation of IoT and Industry 4.0/5.0.

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- Focus on Energy Consumption, Storage, and a shift to cleaner, reusable, energy sources.
- Re-shoring of manufacturing and/or restructuring supply chains to get closer to the customer and make supply chains more robust.

If the pandemic did anything to the manufacturing industry apart from disrupting it in the immediate short term, it is probably the accelerating of the above-mentioned megatrends. This means that developments that support these megatrends may subsequently also accelerate and drive the market:

- Extensive use of Robotics / Industrial Robots and more recently Co-Bots
- Machine-to-Machine communication (M2M) and Machine Learning
- Implementation of Cyber Physical Systems (CPS)
- Inclusion of Additive Manufacturing in production processes
- Inclusion of Augmented Reality (AR) in manufacturing and assembly
- Continuing increase of the share of renewable energy sources (wind, solar, hydro, H2, etc.)
- Growing market for (innovative) energy storage solutions
- Innovations to reduce energy consumption and curb CO2/methane emissions
- Further roll-out of smart grids and 'self-sustaining' microgrids
- Development of Smart City concepts and strategies around the globe
- Guidelines for Smart Buildings in which automation, energy consumption/generation and general well-being (social distancing options for example!) are central
- Development of concepts and strategies for smart mobility, smart water supplies and smart waste treatment

Factory Automation and Machinery 2019, 2020, and 2026F with Percent Change and 6-Year CAGR

Region	2019	2020	% Growth 2020/2019	2026F	6-year CAGR %
North America	\$XXX.X	\$XXX.X	Y.Y%	\$XXX.X	Y.Y%
Europe	\$XXX.X	\$XXX.X	Y.Y%	\$XXX.X	Y.Y%
Japan	\$XXX.X	\$XXX.X	Y.Y%	\$XXX.X	Y.Y%
China	\$XXX.X	\$XXX.X	Y.Y%	\$XXX.X	Y.Y%
Asia Pacific	\$XXX.X	\$XXX.X	Y.Y%	\$XXX.X	Y.Y%
ROW	\$XXX.X	\$XXX.X	Y.Y%	\$XXX.X	Y.Y%
World	\$XXX.X	\$XXX.X	Y.Y%	\$XXX.X	Y.Y%

\$ Million

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North American Industrial Connector Market By Industrial Segment – 2026F

2026F North America	Energy Markets	Factory Automation and	Construction and Civil Engineering	Other Industrial Equipment	Total
PCB	\$XXX.X	\$XXX.X	\$XXX.X	\$XXX.X	\$XXX.X
Rectangular I/O	\$XXX.X	\$XXX.X	\$XXX.X	\$XXX.X	\$XXX.X
IC Sockets	\$XXX.X	\$XXX.X	\$XXX.X	\$XXX.X	\$XXX.X
RF Coax	\$XXX.X	\$XXX.X	\$XXX.X	\$XXX.X	\$XXX.X
Circular	\$XXX.X	\$XXX.X	\$XXX.X	\$XXX.X	\$XXX.X
Telephone/Telecom	\$XXX.X	\$XXX.X	\$XXX.X	\$XXX.X	\$XXX.X
Fiber Optic	\$XXX.X	\$XXX.X	\$XXX.X	\$XXX.X	\$XXX.X
Terminal Blocks	\$XXX.X	\$XXX.X	\$XXX.X	\$XXX.X	\$XXX.X
Heavy Duty	\$XXX.X	\$XXX.X	\$XXX.X	\$XXX.X	\$XXX.X
Power/High Voltage	\$XXX.X	\$XXX.X	\$XXX.X	\$XXX.X	\$XXX.X
Application Specific	\$XXX.X	\$XXX.X	\$XXX.X	\$XXX.X	\$XXX.X
Other Connectors	\$XXX.X	\$XXX.X	\$XXX.X	\$XXX.X	\$XXX.X
Total	\$XXX.X	\$XXX.X	\$XXX.X	\$XXX.X	\$XXX.X

\$ Million

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What's New ?

Bishop & Associates has recently completed several new research reports about the worldwide connector industry. A table of contents for each report can be found at <https://store.bishopinc.com>.

- Report P-799-21** **World Cable Assembly Market (May 2021) NEW**
- Report P-410-21** **Computer Server Market Trends and Connector Use 2020 – 2030 (May 2021) NEW**
- Report M-607-21** **World Industrial Market for Connectors (April 2021) NEW**
- Report M-700-21** **World Connector Market Handbook (April 2021) NEW**
- Report F-2021-01** **Connector Industry Forecast (March 2021) NEW**
- Report M-510-21** **World Telecom Connector Market 2020-2025 (January 2021)**
- Report M-1601-20** **Top 50 Medical Interconnect Solutions Companies (December 2020)**
- Report P-675-20** **High-Speed Copper & Fiber Optic Connectors (November 2020)**
- Report M-980-20** **5G Infrastructure – How 5G is Impacting Infrastructure Hardware and Connector Buying Trends (September 2020)**
- Report M-121-20** **2020 Top 100 Connector Manufacturers (August 2020)**
- Report M-1501-20** **Medical Electronics Market for Interconnect Solutions (July 2020)**
- Report P-780-20** **World RF Coax Connector Market 2020 (June 2020)**
- Report C-122-20** **2020 Connector Industry Yearbook (June 2020)**
- Report M-799-20** **2020 World Cable Assembly Market (May 2020)**
- Report M-4100-20** **Non-Automotive Transportation Market for Connectors (February 2020)**

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An annual subscription to **THE BISHOP REPORT** (12 issues) is available for \$1,750. *The Bishop Report* subscription includes access, through Bishopinc.com, to prior issues of The Bishop Report, 30-40 yearly News Briefs, Industry Financial Benchmarks, and various connector industry indices. In addition, your subscription will include the **Connector Industry Yearbook** report (normally \$1,500).

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