



Global Process Automation & Instrumentation Market by Size, by Type, by Application, by Region, History and Forecast 2021-2032

Industry	Published	Pages	Format
Machinery & Equipment	2026-06-05	194	PDF

Single User	Multi User	Enterprise
USD 3,950	USD 5,925	USD 7,900

Description

The global Process Automation & Instrumentation market is projected to grow from US\$ million in 2026 to US\$ million by 2032, implying a CAGR of % over 2026-2032.

The US & Canada market for Process Automation & Instrumentation is projected to increase from US\$ million in 2026 to US\$ million by 2032, at a CAGR of % over 2026-2032.

The Europe market for Process Automation & Instrumentation is projected to increase from US\$ million in 2026 to US\$ million by 2032, at a CAGR of % over 2026-2032.

The Asia Pacific market for Process Automation & Instrumentation is projected to increase from US\$ million in 2026 to US\$ million by 2032, at a CAGR of % over 2026-2032.

The China market for Process Automation & Instrumentation is projected to increase from US\$ million in 2026 to US\$ million by 2032, at a CAGR of % over 2026-2032.

Leading global manufacturers of Process Automation & Instrumentation include ABB Ltd, Emerson Electric Company, Endress+Hauser, HollySys Automation Technologies, Honeywell International, Mitsubishi Electric, Pepperl+Fuchs, R Stahl and Rockwell Automation, among others. In 2025, the top three vendors together accounted for approximately % of global revenue.

On the production side, the report examines Process Automation & Instrumentation output, growth rates, and market shares by manufacturer and by region (at regional and country level) for 2021-2026, with forecasts through 2032.

On the consumption side, the report analyzes sales of Process Automation & Instrumentation by region (regional and country level), company, type, and application for 2021-2026 and provides forecasts through 2032.

The report provides an overview of the global Process Automation & Instrumentation market in terms of capacity, output, revenue, and price, analyzing global market trends using historical revenue and sales data for 2021-2025, estimates for 2026, and projected CAGRs through 2032.

The study covers key producers of Process Automation & Instrumentation and consumption patterns in major regions and countries, assesses future market potential, and highlights priority regions and countries for segmenting the market into sub-sectors, with country-specific market value data for the U.S., Canada, Mexico, Brazil, China, Japan, South Korea, Southeast Asia, India, Germany, the U.K., Italy, the Middle East, Africa, and other countries.

The report also presents Process Automation & Instrumentation sales, revenue, market share, and industry ranking for the main manufacturers for 2021-2026, identifies the major stakeholders in the global market, and

analyzes their competitive landscape and market positioning based on recent developments and segmental revenues.

In addition, the report analyzes segment data by type and application—covering sales, revenue, and price—for 2021-2032, and evaluates and forecasts the Process Automation & Instrumentation market size, projected growth trends, production technologies, key applications, and end-use industries.

Process Automation & Instrumentation Segment by Company

- ABB Ltd
- Emerson Electric Company
- Endress+Hauser
- HollySys Automation Technologies
- Honeywell International
- Mitsubishi Electric
- Pepperl+Fuchs
- R Stahl
- Rockwell Automation
- Schneider Electric
- Siemens
- Yokogawa Electric

Process Automation & Instrumentation Segment by Type

- Field Instruments
- Control Valves
- Analyzers

Process Automation & Instrumentation Segment by Application

- Oil & Gas
- Chemical
- Pharmaceuticals
- Paper & Pulp
- Water and Waste Water Treatment
- Metals & Mining
- Power
- Food & Beverage
- Others

Process Automation & Instrumentation Segment by Region

- North America
- United States
- Canada
- Mexico
- Europe
- Germany
- France
- U.K.
- Italy
- Russia
- Spain
- Netherlands
- Switzerland

Sweden

Poland

Asia-Pacific

China

Japan

South Korea

India

Australia

Taiwan

Southeast Asia

South America

Brazil

Argentina

Chile

Colombia

Middle East & Africa

Egypt

South Africa

Israel

Türkiye

GCC Countries

Study Objectives

1. To analyze and research the global status and future forecast, involving, production, value, consumption, growth rate (CAGR), market share, historical and forecast.
2. To present the key manufacturers, capacity, production, revenue, market share, and Recent Developments.
3. To split the breakdown data by regions, type, manufacturers, and Application.
4. To analyze the global and key regions market potential and advantage, opportunity and challenge, restraints, and risks.
5. To identify significant trends, drivers, influence factors in global and regions.
6. To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Process Automation & Instrumentation market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of Process Automation & Instrumentation and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market.
5. This report helps stakeholders to gain insights into which regions to target globally.
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Process Automation & Instrumentation.

7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1:

Provides an overview of the Process Automation & Instrumentation market, including product definition, global market growth prospects, production value, capacity, and average price forecasts (2021-2032).

Chapter 2:

Analysis key trends, drivers, challenges, and opportunities within the global Process Automation & Instrumentation industry.

Chapter 3:

Detailed analysis of Process Automation & Instrumentation market competition landscape. Including Process Automation & Instrumentation manufacturers' output value, output and average price from 2021 to 2026, as well as competition analysis indicators such as origin, product type, application, merger and acquisition information, etc.

Chapter 4:

Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 5:

Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 6:

Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 7:

Production/Production Value of Process Automation & Instrumentation by region. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 8:

Consumption of Process Automation & Instrumentation in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

Chapter 9:

Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10:

Concluding Insights of the report.

Table of Contents

1 Market Overview

- 1.1 Product Definition
- 1.2 Global Market Growth Prospects
 - 1.2.1 Global Process Automation & Instrumentation Production Value Estimates and Forecasts (2021-2032)
 - 1.2.2 Global Process Automation & Instrumentation Production Capacity Estimates and Forecasts (2021-2032)
 - 1.2.3 Global Process Automation & Instrumentation Production Estimates and Forecasts (2021-2032)
 - 1.2.4 Global Process Automation & Instrumentation Market Average Price (2021-2032)
- 1.3 Assumptions and Limitations
- 1.4 Study Goals and Objectives

2 Global Process Automation & Instrumentation Market Dynamics

- 2.1 Process Automation & Instrumentation Industry Trends
- 2.2 Process Automation & Instrumentation Industry Drivers
- 2.3 Process Automation & Instrumentation Industry Opportunities and Challenges
- 2.4 Process Automation & Instrumentation Industry Restraints

3 Process Automation & Instrumentation Market by Manufacturers

- 3.1 Global Process Automation & Instrumentation Production Value by Manufacturers (2021-2026)
- 3.2 Global Process Automation & Instrumentation Production by Manufacturers (2021-2026)
- 3.3 Global Process Automation & Instrumentation Average Price by Manufacturers (2021-2026)
- 3.4 Global Process Automation & Instrumentation Industry Manufacturers Ranking, 2024 VS 2025 VS 2026
- 3.5 Global Process Automation & Instrumentation Key Manufacturers Manufacturing Sites & Headquarters
- 3.6 Global Process Automation & Instrumentation Manufacturers, Product Type & Application
- 3.7 Global Process Automation & Instrumentation Manufacturers Established Date
- 3.8 Market Competitive Analysis
 - 3.8.1 Global Process Automation & Instrumentation Market CR5 and HHI
 - 3.8.2 Global Top 5 and 10 Process Automation & Instrumentation Players Market Share by Production Value in 2025
 - 3.8.3 2025 Process Automation & Instrumentation Tier 1, Tier 2, and Tier 3

4 Process Automation & Instrumentation Market by Type

- 4.1 Process Automation & Instrumentation Type Introduction
 - 4.1.1 Field Instruments
 - 4.1.2 Control Valves
 - 4.1.3 Analyzers
- 4.2 Global Process Automation & Instrumentation Production by Type
 - 4.2.1 Global Process Automation & Instrumentation Production by Type (2021 VS 2025 VS 2032)
 - 4.2.2 Global Process Automation & Instrumentation Production by Type (2021-2032)
 - 4.2.3 Global Process Automation & Instrumentation Production Market Share by Type (2021-2032)
- 4.3 Global Process Automation & Instrumentation Production Value by Type
 - 4.3.1 Global Process Automation & Instrumentation Production Value by Type (2021 VS 2025 VS 2032)
 - 4.3.2 Global Process Automation & Instrumentation Production Value by Type (2021-2032)
 - 4.3.3 Global Process Automation & Instrumentation Production Value Market Share by Type (2021-2032)

5 Process Automation & Instrumentation Market by Application

- 5.1 Process Automation & Instrumentation Application Introduction
 - 5.1.1 Oil & Gas

- 5.1.2 Chemical
- 5.1.3 Pharmaceuticals
- 5.1.4 Paper & Pulp
- 5.1.5 Water and Waste Water Treatment
- 5.1.6 Metals & Mining
- 5.1.7 Power
- 5.1.8 Food & Beverage
- 5.1.9 Others

5.2 Global Process Automation & Instrumentation Production by Application

- 5.2.1 Global Process Automation & Instrumentation Production by Application (2021 VS 2025 VS 2032)
- 5.2.2 Global Process Automation & Instrumentation Production by Application (2021-2032)
- 5.2.3 Global Process Automation & Instrumentation Production Market Share by Application (2021-2032)

5.3 Global Process Automation & Instrumentation Production Value by Application

- 5.3.1 Global Process Automation & Instrumentation Production Value by Application (2021 VS 2025 VS 2032)
- 5.3.2 Global Process Automation & Instrumentation Production Value by Application (2021-2032)
- 5.3.3 Global Process Automation & Instrumentation Production Value Market Share by Application (2021-2032)

6 Company Profiles

6.1 ABB Ltd

- 6.1.1 ABB Ltd Company Information
- 6.1.2 ABB Ltd Business Overview
- 6.1.3 ABB Ltd Process Automation & Instrumentation Production, Value and Gross Margin (2021-2026)
- 6.1.4 ABB Ltd Process Automation & Instrumentation Product Portfolio
- 6.1.5 ABB Ltd Recent Developments

6.2 Emerson Electric Company

- 6.2.1 Emerson Electric Company Company Information
- 6.2.2 Emerson Electric Company Business Overview
- 6.2.3 Emerson Electric Company Process Automation & Instrumentation Production, Value and Gross Margin (2021-2026)
- 6.2.4 Emerson Electric Company Process Automation & Instrumentation Product Portfolio
- 6.2.5 Emerson Electric Company Recent Developments

6.3 Endress+Hauser

- 6.3.1 Endress+Hauser Company Information
- 6.3.2 Endress+Hauser Business Overview
- 6.3.3 Endress+Hauser Process Automation & Instrumentation Production, Value and Gross Margin (2021-2026)
- 6.3.4 Endress+Hauser Process Automation & Instrumentation Product Portfolio
- 6.3.5 Endress+Hauser Recent Developments

6.4 HollySys Automation Technologies

- 6.4.1 HollySys Automation Technologies Company Information
- 6.4.2 HollySys Automation Technologies Business Overview
- 6.4.3 HollySys Automation Technologies Process Automation & Instrumentation Production, Value and Gross Margin (2021-2026)
- 6.4.4 HollySys Automation Technologies Process Automation & Instrumentation Product Portfolio
- 6.4.5 HollySys Automation Technologies Recent Developments

6.5 Honeywell International

- 6.5.1 Honeywell International Company Information
- 6.5.2 Honeywell International Business Overview
- 6.5.3 Honeywell International Process Automation & Instrumentation Production, Value and Gross Margin (2021-2026)
- 6.5.4 Honeywell International Process Automation & Instrumentation Product Portfolio
- 6.5.5 Honeywell International Recent Developments

- 6.6 Mitsubishi Electric
 - 6.6.1 Mitsubishi Electric Company Information
 - 6.6.2 Mitsubishi Electric Business Overview
 - 6.6.3 Mitsubishi Electric Process Automation & Instrumentation Production, Value and Gross Margin (2021-2026)
 - 6.6.4 Mitsubishi Electric Process Automation & Instrumentation Product Portfolio
 - 6.6.5 Mitsubishi Electric Recent Developments
- 6.7 Pepperl+Fuchs
 - 6.7.1 Pepperl+Fuchs Company Information
 - 6.7.2 Pepperl+Fuchs Business Overview
 - 6.7.3 Pepperl+Fuchs Process Automation & Instrumentation Production, Value and Gross Margin (2021-2026)
 - 6.7.4 Pepperl+Fuchs Process Automation & Instrumentation Product Portfolio
 - 6.7.5 Pepperl+Fuchs Recent Developments
- 6.8 R Stahl
 - 6.8.1 R Stahl Company Information
 - 6.8.2 R Stahl Business Overview
 - 6.8.3 R Stahl Process Automation & Instrumentation Production, Value and Gross Margin (2021-2026)
 - 6.8.4 R Stahl Process Automation & Instrumentation Product Portfolio
 - 6.8.5 R Stahl Recent Developments
- 6.9 Rockwell Automation
 - 6.9.1 Rockwell Automation Company Information
 - 6.9.2 Rockwell Automation Business Overview
 - 6.9.3 Rockwell Automation Process Automation & Instrumentation Production, Value and Gross Margin (2021-2026)
 - 6.9.4 Rockwell Automation Process Automation & Instrumentation Product Portfolio
 - 6.9.5 Rockwell Automation Recent Developments
- 6.10 Schneider Electric
 - 6.10.1 Schneider Electric Company Information
 - 6.10.2 Schneider Electric Business Overview
 - 6.10.3 Schneider Electric Process Automation & Instrumentation Production, Value and Gross Margin (2021-2026)
 - 6.10.4 Schneider Electric Process Automation & Instrumentation Product Portfolio
 - 6.10.5 Schneider Electric Recent Developments
- 6.11 Siemens
 - 6.11.1 Siemens Company Information
 - 6.11.2 Siemens Business Overview
 - 6.11.3 Siemens Process Automation & Instrumentation Production, Value and Gross Margin (2021-2026)
 - 6.11.4 Siemens Process Automation & Instrumentation Product Portfolio
 - 6.11.5 Siemens Recent Developments
- 6.12 Yokogawa Electric
 - 6.12.1 Yokogawa Electric Company Information
 - 6.12.2 Yokogawa Electric Business Overview
 - 6.12.3 Yokogawa Electric Process Automation & Instrumentation Production, Value and Gross Margin (2021-2026)
 - 6.12.4 Yokogawa Electric Process Automation & Instrumentation Product Portfolio
 - 6.12.5 Yokogawa Electric Recent Developments

7 Global Process Automation & Instrumentation Production by Region

- 7.1 Global Process Automation & Instrumentation Production by Region: 2021 VS 2025 VS 2032
- 7.2 Global Process Automation & Instrumentation Production by Region (2021-2032)
 - 7.2.1 Global Process Automation & Instrumentation Production by Region (2021-2026)
 - 7.2.2 Global Process Automation & Instrumentation Production Forecast by Region (2027-2032)
- 7.3 Global Process Automation & Instrumentation Production by Region: 2021 VS 2025 VS 2032

- 7.4 Global Process Automation & Instrumentation Production Value by Region (2021-2032)
 - 7.4.1 Global Process Automation & Instrumentation Production Value by Region (2021-2026)
 - 7.4.2 Global Process Automation & Instrumentation Production Value by Region (2027-2032)
- 7.5 Global Process Automation & Instrumentation Market Price Analysis by Region (2021-2032)
- 7.6 Regional Production Value Trends (2021-2032)
 - 7.6.1 North America Process Automation & Instrumentation Production Value (2021-2032)
 - 7.6.2 Europe Process Automation & Instrumentation Production Value (2021-2032)
 - 7.6.3 Asia-Pacific Process Automation & Instrumentation Production Value (2021-2032)
 - 7.6.4 South America Process Automation & Instrumentation Production Value (2021-2032)
 - 7.6.5 Middle East & Africa Process Automation & Instrumentation Production Value (2021-2032)

8 Global Process Automation & Instrumentation Consumption by Region

- 8.1 Global Process Automation & Instrumentation Consumption by Region: 2021 VS 2025 VS 2032
- 8.2 Global Process Automation & Instrumentation Consumption by Region (2021-2032)
 - 8.2.1 Global Process Automation & Instrumentation Consumption by Region (2021-2026)
 - 8.2.2 Global Process Automation & Instrumentation Consumption by Region (2027-2032)
- 8.3 North America
 - 8.3.1 North America Process Automation & Instrumentation Consumption Growth Rate by Country: 2021 VS 2025 VS 2032
 - 8.3.2 North America Process Automation & Instrumentation Consumption by Country (2021-2032)
 - 8.3.3 U.S.
 - 8.3.4 Canada
 - 8.3.5 Mexico
- 8.4 Europe
 - 8.4.1 Europe Process Automation & Instrumentation Consumption Growth Rate by Country: 2021 VS 2025 VS 2032
 - 8.4.2 Europe Process Automation & Instrumentation Consumption by Country (2021-2032)
 - 8.4.3 Germany
 - 8.4.4 France
 - 8.4.5 U.K.
 - 8.4.6 Italy
 - 8.4.7 Netherlands
- 8.5 Asia Pacific
 - 8.5.1 Asia Pacific Process Automation & Instrumentation Consumption Growth Rate by Country: 2021 VS 2025 VS 2032
 - 8.5.2 Asia Pacific Process Automation & Instrumentation Consumption by Country (2021-2032)
 - 8.5.3 China
 - 8.5.4 Japan
 - 8.5.5 South Korea
 - 8.5.6 Southeast Asia
 - 8.5.7 India
 - 8.5.8 Australia
- 8.6 South America
 - 8.6.1 South America Process Automation & Instrumentation Consumption Growth Rate by Country: 2021 VS 2025 VS 2032
 - 8.6.2 South America Process Automation & Instrumentation Consumption by Country (2021-2032)
 - 8.6.3 Brazil
 - 8.6.4 Argentina
 - 8.6.5 Chile
 - 8.6.6 Colombia
- 8.7 Middle East & Africa
 - 8.7.1 Middle East & Africa Process Automation & Instrumentation Consumption Growth Rate by Country: 2021 VS 2025 VS 2032

- 8.7.2 Middle East & Africa Process Automation & Instrumentation Consumption by Country (2021-2032)
- 8.7.3 Egypt
- 8.7.4 South Africa
- 8.7.5 Israel
- 8.7.6 Türkiye
- 8.7.7 GCC Countries

9 Value Chain and Sales Channels Analysis

- 9.1 Process Automation & Instrumentation Value Chain Analysis
 - 9.1.1 Process Automation & Instrumentation Key Raw Materials
 - 9.1.2 Raw Materials Key Suppliers
 - 9.1.3 Manufacturing Cost Structure
 - 9.1.4 Process Automation & Instrumentation Production Mode & Process
- 9.2 Process Automation & Instrumentation Sales Channels Analysis
 - 9.2.1 Direct Comparison with Distribution Share
 - 9.2.2 Process Automation & Instrumentation Distributors
 - 9.2.3 Process Automation & Instrumentation Customers

10 Concluding Insights

11 Appendix

- 11.1 Reasons for Doing This Study
- 11.2 Research Methodology
- 11.3 Research Process
- 11.4 Authors List of This Report
- 11.5 Data Source
 - 11.5.1 Secondary Sources
 - 11.5.2 Primary Sources
- 11.6 Disclaimer

List of Tables and Figures

List of Tables:

- Table 1: Process Automation & Instrumentation Industry Trends
- Table 2: Process Automation & Instrumentation Industry Drivers
- Table 3: Process Automation & Instrumentation Industry Opportunities and Challenges
- Table 4: Process Automation & Instrumentation Industry Restraints
- Table 5: Global Process Automation & Instrumentation Production Value by Manufacturers (US\$ Million) & (2021-2026)
- Table 6: Global Process Automation & Instrumentation Production Value Share by Manufacturers (2021-2026)
- Table 7: Global Process Automation & Instrumentation Production by Manufacturers (k units) & (2021-2026)
- Table 8: Global Process Automation & Instrumentation Production Market Share by Manufacturers
- Table 9: Global Process Automation & Instrumentation Average Price (USD/unit) of Manufacturers (2021-2026)
- Table 10: Global Process Automation & Instrumentation Industry Manufacturers Ranking, 2024 VS 2025 VS 2026
- Table 11: Global Process Automation & Instrumentation Key Manufacturers Manufacturing Sites & Headquarters
- Table 12: Global Process Automation & Instrumentation Manufacturers, Product Type & Application
- Table 13: Global Process Automation & Instrumentation Manufacturers Established Date
- Table 14: Global Manufacturers Market Concentration Ratio (CR5 and HHI)
- Table 15: Global Process Automation & Instrumentation by Manufacturers Type (Tier 1, Tier 2, and Tier 3) & (based on the Production Value of 2025)
- Table 16: Major Manufacturers of Field Instruments
- Table 17: Major Manufacturers of Control Valves
- Table 18: Major Manufacturers of Analyzers
- Table 19: Global Process Automation & Instrumentation Production by Type 2021 VS 2025 VS 2032 (k units)
- Table 20: Global Process Automation & Instrumentation Production by Type (2021-2026) & (k units)
- Table 21: Global Process Automation & Instrumentation Production by Type (2027-2032) & (k units)
- Table 22: Global Process Automation & Instrumentation Production Market Share by Type (2021-2026)
- Table 23: Global Process Automation & Instrumentation Production Market Share by Type (2027-2032)
- Table 24: Global Process Automation & Instrumentation Production Value by Type 2021 VS 2025 VS 2032 (k units)
- Table 25: Global Process Automation & Instrumentation Production Value by Type (2021-2026) & (k units)
- Table 26: Global Process Automation & Instrumentation Production Value by Type (2027-2032) & (k units)
- Table 27: Global Process Automation & Instrumentation Production Value Market Share by Type (2021-2026)
- Table 28: Global Process Automation & Instrumentation Production Value Market Share by Type (2027-2032)
- Table 29: Major Manufacturers of Oil & Gas
- Table 30: Major Manufacturers of Chemical
- Table 31: Major Manufacturers of Pharmaceuticals
- Table 32: Major Manufacturers of Paper & Pulp
- Table 33: Major Manufacturers of Water and Waste Water Treatment
- Table 34: Major Manufacturers of Metals & Mining
- Table 35: Major Manufacturers of Power
- Table 36: Major Manufacturers of Food & Beverage
- Table 37: Major Manufacturers of Others
- Table 38: Global Process Automation & Instrumentation Production by Application 2021 VS 2025 VS 2032 (k units)
- Table 39: Global Process Automation & Instrumentation Production by Application (2021-2026) & (k units)
- Table 40: Global Process Automation & Instrumentation Production by Application (2027-2032) & (k units)
- Table 41: Global Process Automation & Instrumentation Production Market Share by Application (2021-2026)
- Table 42: Global Process Automation & Instrumentation Production Market Share by Application (2027-2032)
- Table 43: Global Process Automation & Instrumentation Production Value by Application 2021 VS 2025 VS 2032 (k units)
- Table 44: Global Process Automation & Instrumentation Production Value by Application (2021-2026) & (k units)
- Table 45: Global Process Automation & Instrumentation Production Value by Application (2027-2032) & (k units)
- Table 46: Global Process Automation & Instrumentation Production Value Market Share by Application (2021-2026)
- Table 47: Global Process Automation & Instrumentation Production Value Market Share by Application (2027-2032)
- Table 48: ABB Ltd Company Information
- Table 49: ABB Ltd Business Overview
- Table 50: ABB Ltd Process Automation & Instrumentation Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 51: ABB Ltd Process Automation & Instrumentation Product Portfolio
- Table 52: ABB Ltd Recent Development
- Table 53: Emerson Electric Company Company Information

- Table 54: Emerson Electric Company Business Overview
- Table 55: Emerson Electric Company Process Automation & Instrumentation Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 56: Emerson Electric Company Process Automation & Instrumentation Product Portfolio
- Table 57: Emerson Electric Company Recent Development
- Table 58: Endress+Hauser Company Information
- Table 59: Endress+Hauser Business Overview
- Table 60: Endress+Hauser Process Automation & Instrumentation Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 61: Endress+Hauser Process Automation & Instrumentation Product Portfolio
- Table 62: Endress+Hauser Recent Development
- Table 63: HollySys Automation Technologies Company Information
- Table 64: HollySys Automation Technologies Business Overview
- Table 65: HollySys Automation Technologies Process Automation & Instrumentation Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 66: HollySys Automation Technologies Process Automation & Instrumentation Product Portfolio
- Table 67: HollySys Automation Technologies Recent Development
- Table 68: Honeywell International Company Information
- Table 69: Honeywell International Business Overview
- Table 70: Honeywell International Process Automation & Instrumentation Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 71: Honeywell International Process Automation & Instrumentation Product Portfolio
- Table 72: Honeywell International Recent Development
- Table 73: Mitsubishi Electric Company Information
- Table 74: Mitsubishi Electric Business Overview
- Table 75: Mitsubishi Electric Process Automation & Instrumentation Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 76: Mitsubishi Electric Process Automation & Instrumentation Product Portfolio
- Table 77: Mitsubishi Electric Recent Development
- Table 78: Pepperl+Fuchs Company Information
- Table 79: Pepperl+Fuchs Business Overview
- Table 80: Pepperl+Fuchs Process Automation & Instrumentation Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 81: Pepperl+Fuchs Process Automation & Instrumentation Product Portfolio
- Table 82: Pepperl+Fuchs Recent Development
- Table 83: R Stahl Company Information
- Table 84: R Stahl Business Overview
- Table 85: R Stahl Process Automation & Instrumentation Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 86: R Stahl Process Automation & Instrumentation Product Portfolio
- Table 87: R Stahl Recent Development
- Table 88: Rockwell Automation Company Information
- Table 89: Rockwell Automation Business Overview
- Table 90: Rockwell Automation Process Automation & Instrumentation Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 91: Rockwell Automation Process Automation & Instrumentation Product Portfolio
- Table 92: Rockwell Automation Recent Development
- Table 93: Schneider Electric Company Information
- Table 94: Schneider Electric Business Overview
- Table 95: Schneider Electric Process Automation & Instrumentation Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 96: Schneider Electric Process Automation & Instrumentation Product Portfolio
- Table 97: Schneider Electric Recent Development
- Table 98: Siemens Company Information
- Table 99: Siemens Business Overview
- Table 100: Siemens Process Automation & Instrumentation Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 101: Siemens Process Automation & Instrumentation Product Portfolio
- Table 102: Siemens Recent Development
- Table 103: Yokogawa Electric Company Information
- Table 104: Yokogawa Electric Business Overview
- Table 105: Yokogawa Electric Process Automation & Instrumentation Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 106: Yokogawa Electric Process Automation & Instrumentation Product Portfolio
- Table 107: Yokogawa Electric Recent Development

- Table 108: Global Process Automation & Instrumentation Production by Region: 2021 VS 2025 VS 2032 (k units)
- Table 109: Global Process Automation & Instrumentation Production by Region (2021-2026) & (k units)
- Table 110: Global Process Automation & Instrumentation Production Market Share by Region (2021-2026)
- Table 111: Global Process Automation & Instrumentation Production Forecast by Region (2027-2032) & (k units)
- Table 112: Global Process Automation & Instrumentation Production Market Share Forecast by Region (2027-2032)
- Table 113: Global Process Automation & Instrumentation Production Value Comparison by Region: 2021 VS 2025 VS 2032 (US\$ Million)
- Table 114: Global Process Automation & Instrumentation Production Value by Region (2021-2026) & (US\$ Million)
- Table 115: Global Process Automation & Instrumentation Production Value Share by Region (2021-2026)
- Table 116: Global Process Automation & Instrumentation Production Value by Region (2027-2032) & (US\$ Million)
- Table 117: Global Process Automation & Instrumentation Production Value Share by Region: (2027-2032) & (US\$ Million)
- Table 118: Global Process Automation & Instrumentation Market Average Price (USD/unit) by Region (2021-2026)
- Table 119: Global Process Automation & Instrumentation Market Average Price (USD/unit) by Region (2027-2032)
- Table 120: Global Process Automation & Instrumentation Consumption by Region: 2021 VS 2025 VS 2032 (k units)
- Table 121: Global Process Automation & Instrumentation Consumption by Region (2021-2026) & (k units)
- Table 122: Global Process Automation & Instrumentation Consumption Market Share by Region (2021-2026)
- Table 123: Global Process Automation & Instrumentation Consumption Forecasted by Region (2027-2032) & (k units)
- Table 124: Global Process Automation & Instrumentation Consumption Forecasted Market Share by Region (2027-2032)
- Table 125: North America Process Automation & Instrumentation Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 126: North America Process Automation & Instrumentation Consumption by Country (2021-2026) & (k units)
- Table 127: North America Process Automation & Instrumentation Consumption by Country (2027-2032) & (k units)
- Table 128: Europe Process Automation & Instrumentation Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 129: Europe Process Automation & Instrumentation Consumption by Country (2021-2026) & (k units)
- Table 130: Europe Process Automation & Instrumentation Consumption by Country (2027-2032) & (k units)
- Table 131: Asia Pacific Process Automation & Instrumentation Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 132: Asia Pacific Process Automation & Instrumentation Consumption by Country (2021-2026) & (k units)
- Table 133: Asia Pacific Process Automation & Instrumentation Consumption by Country (2027-2032) & (k units)
- Table 134: South America Process Automation & Instrumentation Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 135: South America Process Automation & Instrumentation Consumption by Country (2021-2026) & (k units)
- Table 136: South America Process Automation & Instrumentation Consumption by Country (2027-2032) & (k units)
- Table 137: Middle East & Africa Process Automation & Instrumentation Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 138: Middle East & Africa Process Automation & Instrumentation Consumption by Country (2021-2026) & (k units)
- Table 139: Middle East & Africa Process Automation & Instrumentation Consumption by Country (2027-2032) & (k units)
- Table 140: Key Raw Materials
- Table 141: Raw Materials Key Suppliers
- Table 142: Process Automation & Instrumentation Distributors List
- Table 143: Process Automation & Instrumentation Customers List
- Table 144: Research Programs/Design for This Report
- Table 145: Authors List of This Report
- Table 146: Secondary Sources
- Table 147: Primary Sources

List of Figures:

- Figure 1: Process Automation & Instrumentation Product Image
- Figure 2: Global Process Automation & Instrumentation Production Value (US\$ Million), 2021 VS 2025 VS 2032
- Figure 3: Global Process Automation & Instrumentation Production Value (2021-2032) & (US\$ Million)
- Figure 4: Global Process Automation & Instrumentation Production Capacity (2021-2032) & (k units)
- Figure 5: Global Process Automation & Instrumentation Production (2021-2032) & (k units)
- Figure 6: Global Process Automation & Instrumentation Average Price (USD/unit) & (2021-2032)
- Figure 7: Global Top 5 and 10 Process Automation & Instrumentation Players Market Share by Production Value in 2025
- Figure 8: Manufacturers Type (Tier 1, Tier 2, and Tier 3): 2021 VS 2025
- Figure 9: Field Instruments Image
- Figure 10: Control Valves Image
- Figure 11: Analyzers Image
- Figure 12: Global Process Automation & Instrumentation Production by Type (2021 VS 2025 VS 2032) & (k units)
- Figure 13: Global Process Automation & Instrumentation Production Market Share 2021 VS 2025 VS 2032
- Figure 14: Global Process Automation & Instrumentation Production Market Share by Type (2021-2032)
- Figure 15: Global Process Automation & Instrumentation Production Value by Type (2021 VS 2025 VS 2032) & (k units)

- Figure 16: Global Process Automation & Instrumentation Production Value Share 2021 VS 2025 VS 2032
- Figure 17: Global Process Automation & Instrumentation Production Value Share by Type (2021-2032)
- Figure 18: Oil & Gas Image
- Figure 19: Chemical Image
- Figure 20: Pharmaceuticals Image
- Figure 21: Paper & Pulp Image
- Figure 22: Water and Waste Water Treatment Image
- Figure 23: Metals & Mining Image
- Figure 24: Power Image
- Figure 25: Food & Beverage Image
- Figure 26: Others Image
- Figure 27: Global Process Automation & Instrumentation Production by Application (2021 VS 2025 VS 2032) & (k units)
- Figure 28: Global Process Automation & Instrumentation Production Market Share 2021 VS 2025 VS 2032
- Figure 29: Global Process Automation & Instrumentation Production Market Share by Application (2021-2032)
- Figure 30: Global Process Automation & Instrumentation Production Value by Application (2021 VS 2025 VS 2032) & (k units)
- Figure 31: Global Process Automation & Instrumentation Production Value Share 2021 VS 2025 VS 2032
- Figure 32: Global Process Automation & Instrumentation Production Value Share by Application (2021-2032)
- Figure 33: Global Process Automation & Instrumentation Production by Region: 2021 VS 2025 VS 2032 (k units)
- Figure 34: Global Process Automation & Instrumentation Production Market Share by Region: 2021 VS 2025 VS 2032
- Figure 35: Global Process Automation & Instrumentation Production Value Comparison by Region: 2021 VS 2025 VS 2032 (US\$ Million)
- Figure 36: Global Process Automation & Instrumentation Production Value Share by Region: 2021 VS 2025 VS 2032
- Figure 37: North America Process Automation & Instrumentation Production Value (2021-2032) & (US\$ Million)
- Figure 38: Europe Process Automation & Instrumentation Production Value (2021-2032) & (US\$ Million)
- Figure 39: Asia-Pacific Process Automation & Instrumentation Production Value (2021-2032) & (US\$ Million)
- Figure 40: South America Process Automation & Instrumentation Production Value (2021-2032) & (US\$ Million)
- Figure 41: Middle East & Africa Process Automation & Instrumentation Production Value (2021-2032) & (US\$ Million)
- Figure 42: North America Process Automation & Instrumentation Consumption and Growth Rate (2021-2032) & (k units)
- Figure 43: North America Process Automation & Instrumentation Consumption Market Share by Country (2021-2032)
- Figure 44: U.S. Process Automation & Instrumentation Consumption and Growth Rate (2021-2032) & (k units)
- Figure 45: Canada Process Automation & Instrumentation Consumption and Growth Rate (2021-2032) & (k units)
- Figure 46: Mexico Process Automation & Instrumentation Consumption and Growth Rate (2021-2032) & (k units)
- Figure 47: Europe Process Automation & Instrumentation Consumption and Growth Rate (2021-2032) & (k units)
- Figure 48: Europe Process Automation & Instrumentation Consumption Market Share by Country (2021-2032)
- Figure 49: Germany Process Automation & Instrumentation Consumption and Growth Rate (2021-2032) & (k units)
- Figure 50: France Process Automation & Instrumentation Consumption and Growth Rate (2021-2032) & (k units)
- Figure 51: U.K. Process Automation & Instrumentation Consumption and Growth Rate (2021-2032) & (k units)
- Figure 52: Italy Process Automation & Instrumentation Consumption and Growth Rate (2021-2032) & (k units)
- Figure 53: Netherlands Process Automation & Instrumentation Consumption and Growth Rate (2021-2032) & (k units)
- Figure 54: Asia Pacific Process Automation & Instrumentation Consumption and Growth Rate (2021-2032) & (k units)
- Figure 55: Asia Pacific Process Automation & Instrumentation Consumption Market Share by Country (2021-2032)
- Figure 56: China Process Automation & Instrumentation Consumption and Growth Rate (2021-2032) & (k units)
- Figure 57: Japan Process Automation & Instrumentation Consumption and Growth Rate (2021-2032) & (k units)
- Figure 58: South Korea Process Automation & Instrumentation Consumption and Growth Rate (2021-2032) & (k units)
- Figure 59: Southeast Asia Process Automation & Instrumentation Consumption and Growth Rate (2021-2032) & (k units)
- Figure 60: India Process Automation & Instrumentation Consumption and Growth Rate (2021-2032) & (k units)
- Figure 61: Australia Process Automation & Instrumentation Consumption and Growth Rate (2021-2032) & (k units)
- Figure 62: South America Process Automation & Instrumentation Consumption and Growth Rate (2021-2032) & (k units)
- Figure 63: South America Process Automation & Instrumentation Consumption Market Share by Country (2021-2032)
- Figure 64: Brazil Process Automation & Instrumentation Consumption and Growth Rate (2021-2032) & (k units)
- Figure 65: Argentina Process Automation & Instrumentation Consumption and Growth Rate (2021-2032) & (k units)
- Figure 66: Chile Process Automation & Instrumentation Consumption and Growth Rate (2021-2032) & (k units)
- Figure 67: Colombia Process Automation & Instrumentation Consumption and Growth Rate (2021-2032) & (k units)
- Figure 68: Middle East & Africa Process Automation & Instrumentation Consumption and Growth Rate (2021-2032) & (k units)
- Figure 69: Middle East & Africa Process Automation & Instrumentation Consumption Market Share by Country (2021-2032)
- Figure 70: Egypt Process Automation & Instrumentation Consumption and Growth Rate (2021-2032) & (k units)
- Figure 71: South Africa Process Automation & Instrumentation Consumption and Growth Rate (2021-2032) & (k units)
- Figure 72: Israel Process Automation & Instrumentation Consumption and Growth Rate (2021-2032) & (k units)
- Figure 73: Türkiye Process Automation & Instrumentation Consumption and Growth Rate (2021-2032) & (k units)
- Figure 74: GCC Countries Process Automation & Instrumentation Consumption and Growth Rate (2021-2032) & (k units)
- Figure 75: Process Automation & Instrumentation Value Chain
- Figure 76: Manufacturing Cost Structure
- Figure 77: Process Automation & Instrumentation Production Mode & Process
- Figure 78: Direct Comparison with Distribution Share
- Figure 79: Distributors Profiles

- Figure 80: Years Considered
- Figure 81: Research Process
- Figure 82: Key Executives Interviewed