

Global Smart Pressure Independent Control Valve Market Growth 2026-2032

<https://marketpublishers.com/r/G84BC07C2945EN.html>

Date: October 2026

Pages: 106

Price: US\$ 3,660.00 (Single User License)

ID: G84BC07C2945EN

Abstracts

The global Smart Pressure Independent Control Valve market size is predicted to grow from US\$ 151 million in 2025 to US\$ 250 million in 2032; it is expected to grow at a CAGR of 7.0% from 2026 to 2032.

In 2025, global Smart Pressure Independent Control Valve production reached approximately 504,000 units with average price of 350 USD/Unit.

Smart Pressure Independent Control Valve refers to an integrated hydronic control device that maintains a preset or commanded water flow under changing system pressure while providing digital configuration, operating feedback, communication or energy-management functions. The research scope covers smart mechanical products that combine a mechanically pressure-regulated valve body with a digital actuator, sensor-based electronic products that regulate measured flow through closed-loop control, and higher-function configurations incorporating temperature measurement, thermal-energy metering and delta-T management. Products are available with threaded, flanged, grooved and press-fit connections and are differentiated by nominal size, design flow range, minimum operating differential pressure, pressure rating, flow-control accuracy, actuator type, sensor configuration and communication protocol. Typical functions include remote flow setting, valve-position feedback, actual-flow monitoring, fault alarms, data logging and integration through BACnet, Modbus, MP-Bus or other building-automation interfaces. Smart Pressure Independent Control Valve is mainly installed in variable-flow heating and cooling systems serving terminal units, air-handling equipment, heat exchangers, data-center cooling infrastructure, district energy networks and industrial thermal-management circuits.

Key Findings

Smart mechanical products retain the broadest current deployment base

Flow-measuring electronic products lead premium technology development

Commercial buildings remain the largest application foundation

Data centers create a high-value expansion opportunity

Software connectivity increasingly determines product differentiation

Market Trends

The Smart Pressure Independent Control Valve market is progressing from mechanically regulated valve bodies equipped with digital actuators toward sensor-based electronic flow control and integrated energy-management devices. Remote configuration and bus communication are becoming baseline functions in premium projects, while actual-flow measurement, temperature sensing, thermal-power calculation and delta-T optimization define the higher end of the market. This development is changing purchasing criteria from valve size, pressure rating and actuator torque toward total hydronic performance, data availability, interoperability and commissioning efficiency. Product portfolios are also extending from compact threaded valves for fan-coil units and chilled beams to larger flanged products serving air-handling units, plate heat exchangers, plant branches and mission-critical cooling loops. Smart Pressure Independent Control Valve is therefore evolving from an isolated control component into a distributed sensing and control node within the building-management system. Mechanical pressure regulation will remain relevant because it provides a cost-effective and robust foundation, while electronic measurement and software functions will increasingly determine value in applications requiring verified performance, remote operation and continuous optimization.

Market Dynamics

Drivers

Drivers

Demand for Smart Pressure Independent Control Valve is supported by the wider use of variable-flow chilled-water and heating-water systems, where terminal-valve

movement continuously changes pressure conditions across the network. Pressure-independent control stabilizes branch flow, limits overflow and reduces the need for repeated manual balancing, while smart actuators and sensors provide information required for commissioning, fault detection and system optimization. Building owners and operators increasingly expect HVAC systems to demonstrate measurable performance rather than merely maintain room temperature. Requirements for building automation, energy efficiency and indoor environmental quality strengthen the business case for digitally configurable hydronic components, especially in new commercial buildings and major retrofit projects. Expansion of data-center cooling provides an additional driver because rapidly changing IT loads require accurate and responsive water-flow control across air-handling coils, cooling distribution units and liquid-cooling heat-rejection interfaces.

Restraints

The principal restraint is the higher installed cost compared with conventional control valves or basic mechanical PICVs. Smart Pressure Independent Control Valve projects may require digital actuators, flow and temperature sensors, communication modules, additional power supplies, network wiring, software configuration and building-management-system integration. The economic return depends on correct valve sizing, adequate differential pressure, suitable pump-control logic and effective use of the available operating data. A smart valve cannot independently correct undersized piping, insufficient pump head, contaminated water or poorly designed control sequences. Electronic products also introduce concerns regarding sensor drift, controller obsolescence, communication compatibility and long-term firmware support. In cost-sensitive projects, contractors may prefer mechanical PICVs with conventional actuators when remote monitoring or energy data are not contractually required. Long HVAC equipment replacement cycles and the continued functionality of installed mechanical systems also limit the speed of premium-product penetration.

Opportunities

The strongest opportunities are concentrated in facilities where cooling continuity, measurable performance and operating transparency have high economic value. Data centers require stable flow under rapidly changing loads and increasingly need integration between cooling equipment, facility-management platforms and energy-monitoring systems. High-performance offices, hospitals, laboratories, airports and institutional buildings provide additional opportunities because temperature stability, commissioning quality and lifecycle operating costs are important purchasing criteria.

Building renovation is another attractive market: remotely configurable Smart Pressure Independent Control Valve can simplify recommissioning after tenant changes, system extensions or modifications to design flow. Larger flanged products can address air-handling units, heat exchangers, district energy substations and industrial process cooling, while compact threaded products retain broad potential in terminal applications. Suppliers can expand project revenue through energy metering, delta-T management, commissioning software, cloud connectivity, analytics, replacement actuators and lifecycle technical services.

Challenges

The main technical challenge is maintaining reliable field performance across different flow settings, differential pressures, water temperatures and water-quality conditions. Mechanical regulating elements must resist clogging and calibration drift, while electronic products must preserve sensor accuracy, actuator reliability and control stability throughout long building lifecycles. Incorrect valve selection, inadequate available pressure or excessive differential pressure can reduce control authority and create noise even when the product itself operates correctly. Integration complexity is another challenge because buildings may use analog control, BACnet, Modbus, MP-Bus or proprietary architectures, with varying requirements for addressing, data points and cybersecurity. Manufacturers must also support commissioning engineers and system integrators, since poor pump sequencing or inappropriate building-management logic can prevent the valve from delivering its intended benefits. Connected products create additional obligations involving firmware maintenance, data ownership, access control, backward compatibility and replacement of electronic components after many years of operation.

Industry Chain Analysis

The upstream chain of Smart Pressure Independent Control Valve includes brass, ductile iron, cast iron, stainless steel and engineering polymers, together with precision castings, forgings, diaphragms, springs, valve trims, seals and pressure-regulating cartridges. Smart configurations add electric actuators, ultrasonic or other flow sensors, temperature sensors, embedded controllers, communication chips, printed circuit boards, power electronics and software. Mechanical smart products concentrate value in valve-body design, regulator accuracy and digital actuation, while electronic flow-control products contain a higher proportion of sensing, control algorithms and data-communication value. Connection type and nominal size also influence the cost structure: compact threaded products benefit from standardized manufacturing,

whereas large flanged products require heavier bodies, higher actuator output and more demanding pressure, leakage and calibration testing.

Midstream activities include hydronic engineering, valve and trim design, actuator matching, electronics development, software programming, body manufacturing, precision machining, assembly, flow calibration, pressure testing, communication verification and certification. Downstream participants include HVAC equipment manufacturers, engineering consultants, mechanical contractors, valve distributors, building-control integrators, commissioning companies and facility owners. Standard smart mechanical products remain relatively exposed to hardware pricing and channel competition. Flow-measuring and energy-metering products create additional value through sensors, proprietary software, configuration tools and technical support. Selection services, digital commissioning, software updates, diagnostics, actuator replacement and system optimization extend revenue beyond the original equipment sale and increase the strategic importance of the installed base.

Segment Insights

By smart-function level, remotely configurable smart mechanical products constitute the broadest current product base. These systems combine a mechanically pressure-independent valve body with a digital actuator that enables remote flow setting, position feedback, alarms and building-management-system communication. Flow-measuring Smart Pressure Independent Control Valve represents the principal premium technology segment because actual-flow feedback enables electronic pressure independence, commissioning verification and more transparent system operation. Energy-metering and delta-T-management products form the highest-function tier by adding supply and return temperature measurement, thermal-power calculation and algorithms that limit overflow when temperature difference deteriorates. The segments are differentiated primarily by measurement and software capability rather than by whether an electric actuator is present.

By connection type, threaded Smart Pressure Independent Control Valve products serve the largest number of terminal applications, including fan-coil units, chilled beams, unit heaters and smaller air-handling coils. Flanged products have lower unit volumes but higher average project value and are increasingly used in large air-handling units, plate heat exchangers, central plant branches and data-center cooling systems. By sensor configuration, products without integrated flow sensors offer lower-cost digital control, while flow-sensor-equipped products support actual-flow feedback and closed-loop regulation. Systems combining flow and temperature sensors occupy the higher-

value segment because they can calculate thermal energy, monitor coil performance and implement delta-T strategies. Future product differentiation will increasingly depend on low minimum differential pressure, measurement accuracy, communication flexibility and ease of field configuration.

Downstream Market Opportunities

Commercial buildings remain the largest application foundation for Smart Pressure Independent Control Valve, with demand distributed across offices, hotels, shopping centers, hospitals, educational buildings, airports and public facilities. Terminal coils and air-handling units account for the broadest installed base, while data centers represent a smaller but higher-value opportunity because their cooling systems require rapid load response, redundancy, operating visibility and integration with facility-control platforms. Healthcare and laboratory buildings value stable flow and traceable environmental control, while district heating and cooling systems require predictable branch performance and remote supervision. Industrial facilities provide additional opportunities in process cooling, precision temperature control and equipment heat rejection. Retrofit projects are particularly attractive where conventional balancing has become difficult due to building extensions, tenant modifications or persistent low-delta-T operation.

Regional Insights

Europe represents the most mature market for advanced Smart Pressure Independent Control Valve technology, supported by established hydronic-control manufacturers, widespread variable-flow system design and a strong regulatory focus on building efficiency, automation and decarbonization. The region has broad adoption of mechanical pressure-independent control and is progressing toward digital actuators, measurable flow, energy metering and connected building controls. Renovation requirements and the transition toward higher-performance building systems support replacement demand and recommissioning activity. North America is an important high-value market, particularly in large commercial buildings, healthcare, institutional facilities and data centers, where project specifications frequently emphasize integrated valve-actuator packages, communication protocols, commissioning support and measurable coil performance.

Asia-Pacific combines extensive new construction, a large HVAC equipment manufacturing base and a growing group of regional control-valve suppliers. China, Japan and South Korea generate demand from commercial buildings, industrial facilities, hospitals, data centers and district energy projects. The region remains

comparatively price-sensitive, and product specifications vary significantly between premium developments and standardized construction. Nevertheless, the adoption of variable-flow chilled-water systems, smart-building platforms and high-density computing infrastructure is raising requirements for flow accuracy, remote commissioning and communication capability. The region therefore offers strong incremental volume potential, while Europe and North America remain particularly important for electronic, energy-metering and software-intensive products.

Competitive Landscape Analysis

The Smart Pressure Independent Control Valve market comprises global HVAC-control groups, hydronic-balancing specialists and regional valve manufacturers. The three globally leading suppliers highlighted in this study are Danfoss, Belimo and IMI plc, selected on the basis of confirmed product breadth, smart pressure-independent control capability, international market presence and system-level integration rather than disclosed product-specific market shares. Danfoss combines its mechanically regulated AB-QM platform with NovoCon digital actuators supporting remote configuration, operating feedback and BACnet or Modbus connectivity. Belimo offers a tiered portfolio extending from mechanical pressure-independent valves to EPIV electronic flow control and Energy Valve products with energy metering, delta-T management and cloud-connected functions. IMI plc combines mechanical PICVs and digitally configurable actuators with the TA-Smart connected control valve and hydronic measurement expertise. Siemens, FlowCon International/Griswold, Frese, Johnson Controls, Schneider Electric, Crane, Giacomini, Marflow Hydraulics, Azbil, Fr. Sauter and Flow Control Industries form an important competitive group with differing strengths in electronic flow measurement, digital actuation, energy monitoring, specialist hydronic engineering and regional project channels. Competition is shifting from valve-body performance alone toward measurement accuracy, protocol compatibility, commissioning tools, software functionality and lifecycle support.

Report Scope

LP Information, Inc. (LPI) ' newest research report, the "Smart Pressure Independent Control Valve Industry Forecast" looks at past sales and reviews total world Smart Pressure Independent Control Valve sales in 2025, providing a comprehensive analysis by region and market sector of projected Smart Pressure Independent Control Valve sales for 2026 through 2032. With Smart Pressure Independent Control Valve sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Smart Pressure Independent Control Valve

industry.

This Insight Report provides a comprehensive analysis of the global Smart Pressure Independent Control Valve landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Smart Pressure Independent Control Valve portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Smart Pressure Independent Control Valve market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Smart Pressure Independent Control Valve and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Smart Pressure Independent Control Valve.

This report presents a comprehensive overview, market shares, and growth opportunities of Smart Pressure Independent Control Valve market by product type, application, key manufacturers and key regions and countries.

Market Segmentation

Segmentation by Type:

Remote-Configurable Smart PICVs

Flow-Measuring Smart PICVs

Temperature-Monitoring Smart PICVs

Energy-Metering Smart PICVs

Delta-T Management Smart PICVs

Others

Segmentation by Connection Type:

Threaded Pressure Independent Control Valves

Flanged Pressure Independent Control Valves

Grooved Pressure Independent Control Valves

Press-Fit Pressure Independent Control Valves

Soldered or Brazed Pressure Independent Control Valves

Others

Segmentation by Diameter:

DN15–DN25

DN32–DN50

DN65–DN100

Above DN100

Segmentation by Application:

Commercial Buildings

Data Centers

Healthcare Facilities

Hotels and Hospitality

Shopping Centers and Retail Buildings

District Heating and Cooling

Residential Buildings

Airports and Transportation Hubs

Government and Public Buildings

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Belimo

Siemens

Danfoss

IMI plc

Johnson Controls

KSB

FlowCon International / Griswold Controls

Frese A/S

Crane Company

SAUTER

Oventrop

Azbil Corporation

Samyang Valve

Shenzhen Saswell Technology Inc.

Beijing Hailin Energy Saving Equipment INC

Key Questions Addressed in this Report

What is the 10-year outlook for the global Smart Pressure Independent Control Valve market?

What factors are driving Smart Pressure Independent Control Valve market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Smart Pressure Independent Control Valve market opportunities vary by end market size?

How does Smart Pressure Independent Control Valve break out by Type, by Application?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global Smart Pressure Independent Control Valve Annual Sales 2021-2032
 - 2.1.2 World Current & Future Analysis for Smart Pressure Independent Control Valve by Geographic Region, 2021, 2025 & 2032
 - 2.1.3 World Current & Future Analysis for Smart Pressure Independent Control Valve by Country/Region, 2021, 2025 & 2032
- 2.2 Smart Pressure Independent Control Valve Segment by Type
 - 2.2.1 Remote-Configurable Smart PICVs
 - 2.2.2 Flow-Measuring Smart PICVs
 - 2.2.3 Temperature-Monitoring Smart PICVs
 - 2.2.4 Energy-Metering Smart PICVs
 - 2.2.5 Delta-T Management Smart PICVs
 - 2.2.6 Others
 - 2.2.7 Smart Pressure Independent Control Valve Sales by Type
 - 2.2.7.1 Global Smart Pressure Independent Control Valve Sales Market Share by Type (2021-2026)
 - 2.2.7.2 Global Smart Pressure Independent Control Valve Revenue and Market Share by Type (2021-2026)
 - 2.2.7.3 Global Smart Pressure Independent Control Valve Sale Price by Type (2021-2026)
- 2.3 Smart Pressure Independent Control Valve Segment by Connection Type
 - 2.3.1 Threaded Pressure Independent Control Valves
 - 2.3.2 Flanged Pressure Independent Control Valves
 - 2.3.3 Grooved Pressure Independent Control Valves

2.3.4 Press-Fit Pressure Independent Control Valves

2.3.5 Soldered or Brazed Pressure Independent Control Valves

2.3.6 Others

2.3.7 Smart Pressure Independent Control Valve Sales by Connection Type

2.3.7.1 Global Smart Pressure Independent Control Valve Sales Market Share by Connection Type (2021-2026)

2.3.7.2 Global Smart Pressure Independent Control Valve Revenue and Market Share by Connection Type (2021-2026)

2.3.7.3 Global Smart Pressure Independent Control Valve Sale Price by Connection Type (2021-2026)

2.4 Smart Pressure Independent Control Valve Segment by Diameter

2.4.1 DN15–DN25

2.4.2 DN32–DN50

2.4.3 DN65–DN100

2.4.4 Above DN100

2.4.5 Smart Pressure Independent Control Valve Sales by Diameter

2.4.5.1 Global Smart Pressure Independent Control Valve Sales Market Share by Diameter (2021-2026)

2.4.5.2 Global Smart Pressure Independent Control Valve Revenue and Market Share by Diameter (2021-2026)

2.4.5.3 Global Smart Pressure Independent Control Valve Sale Price by Diameter (2021-2026)

2.5 Smart Pressure Independent Control Valve Segment by Application

2.5.1 Commercial Buildings

2.5.2 Data Centers

2.5.3 Healthcare Facilities

2.5.4 Hotels and Hospitality

2.5.5 Shopping Centers and Retail Buildings

2.5.6 District Heating and Cooling

2.5.7 Residential Buildings

2.5.8 Airports and Transportation Hubs

2.5.9 Government and Public Buildings

2.5.10 Smart Pressure Independent Control Valve Sales by Application

2.5.10.1 Global Smart Pressure Independent Control Valve Sale Market Share by Application (2021-2026)

2.5.10.2 Global Smart Pressure Independent Control Valve Revenue and Market Share by Application (2021-2026)

2.5.10.3 Global Smart Pressure Independent Control Valve Sale Price by Application (2021-2026)

3 GLOBAL BY COMPANY

3.1 Global Smart Pressure Independent Control Valve Breakdown Data by Company

3.1.1 Global Smart Pressure Independent Control Valve Annual Sales by Company (2021-2026)

3.1.2 Global Smart Pressure Independent Control Valve Sales Market Share by Company (2021-2026)

3.2 Global Smart Pressure Independent Control Valve Annual Revenue by Company (2021-2026)

3.2.1 Global Smart Pressure Independent Control Valve Revenue by Company (2021-2026)

3.2.2 Global Smart Pressure Independent Control Valve Revenue Market Share by Company (2021-2026)

3.3 Global Smart Pressure Independent Control Valve Sale Price by Company

3.4 Key Manufacturers Smart Pressure Independent Control Valve Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Smart Pressure Independent Control Valve Product Location Distribution

3.4.2 Players Smart Pressure Independent Control Valve Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR SMART PRESSURE INDEPENDENT CONTROL VALVE BY GEOGRAPHIC REGION

4.1 World Historic Smart Pressure Independent Control Valve Market Size by Geographic Region (2021-2026)

4.1.1 Global Smart Pressure Independent Control Valve Annual Sales by Geographic Region (2021-2026)

4.1.2 Global Smart Pressure Independent Control Valve Annual Revenue by Geographic Region (2021-2026)

4.2 World Historic Smart Pressure Independent Control Valve Market Size by Country/Region (2021-2026)

4.2.1 Global Smart Pressure Independent Control Valve Annual Sales by Country/Region (2021-2026)

- 4.2.2 Global Smart Pressure Independent Control Valve Annual Revenue by Country/Region (2021-2026)
- 4.3 Americas Smart Pressure Independent Control Valve Sales Growth
- 4.4 APAC Smart Pressure Independent Control Valve Sales Growth
- 4.5 Europe Smart Pressure Independent Control Valve Sales Growth
- 4.6 Middle East & Africa Smart Pressure Independent Control Valve Sales Growth

5 AMERICAS

- 5.1 Americas Smart Pressure Independent Control Valve Sales by Country
 - 5.1.1 Americas Smart Pressure Independent Control Valve Sales by Country (2021-2026)
 - 5.1.2 Americas Smart Pressure Independent Control Valve Revenue by Country (2021-2026)
- 5.2 Americas Smart Pressure Independent Control Valve Sales by Type (2021-2026)
- 5.3 Americas Smart Pressure Independent Control Valve Sales by Application (2021-2026)
- 5.4 United States
- 5.5 Canada
- 5.6 Mexico
- 5.7 Brazil

6 APAC

- 6.1 APAC Smart Pressure Independent Control Valve Sales by Region
 - 6.1.1 APAC Smart Pressure Independent Control Valve Sales by Region (2021-2026)
 - 6.1.2 APAC Smart Pressure Independent Control Valve Revenue by Region (2021-2026)
- 6.2 APAC Smart Pressure Independent Control Valve Sales by Type (2021-2026)
- 6.3 APAC Smart Pressure Independent Control Valve Sales by Application (2021-2026)
- 6.4 China
- 6.5 Japan
- 6.6 South Korea
- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia
- 6.10 China Taiwan

7 EUROPE

7.1 Europe Smart Pressure Independent Control Valve by Country

7.1.1 Europe Smart Pressure Independent Control Valve Sales by Country
(2021-2026)

7.1.2 Europe Smart Pressure Independent Control Valve Revenue by Country
(2021-2026)

7.2 Europe Smart Pressure Independent Control Valve Sales by Type (2021-2026)

7.3 Europe Smart Pressure Independent Control Valve Sales by Application
(2021-2026)

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Smart Pressure Independent Control Valve by Country

8.1.1 Middle East & Africa Smart Pressure Independent Control Valve Sales by
Country (2021-2026)

8.1.2 Middle East & Africa Smart Pressure Independent Control Valve Revenue by
Country (2021-2026)

8.2 Middle East & Africa Smart Pressure Independent Control Valve Sales by Type
(2021-2026)

8.3 Middle East & Africa Smart Pressure Independent Control Valve Sales by
Application (2021-2026)

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of Smart Pressure Independent Control Valve

10.3 Manufacturing Process Analysis of Smart Pressure Independent Control Valve

10.4 Industry Chain Structure of Smart Pressure Independent Control Valve

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Smart Pressure Independent Control Valve Distributors

11.3 Smart Pressure Independent Control Valve Customer

12 WORLD FORECAST REVIEW FOR SMART PRESSURE INDEPENDENT CONTROL VALVE BY GEOGRAPHIC REGION

12.1 Global Smart Pressure Independent Control Valve Market Size Forecast by Region

12.1.1 Global Smart Pressure Independent Control Valve Forecast by Region (2027-2032)

12.1.2 Global Smart Pressure Independent Control Valve Annual Revenue Forecast by Region (2027-2032)

12.2 Americas Forecast by Country (2027-2032)

12.3 APAC Forecast by Region (2027-2032)

12.4 Europe Forecast by Country (2027-2032)

12.5 Middle East & Africa Forecast by Country (2027-2032)

12.6 Global Smart Pressure Independent Control Valve Forecast by Type (2027-2032)

12.7 Global Smart Pressure Independent Control Valve Forecast by Application (2027-2032)

13 KEY PLAYERS ANALYSIS

13.1 Belimo

13.1.1 Belimo Company Information

13.1.2 Belimo Smart Pressure Independent Control Valve Product Portfolios and Specifications

13.1.3 Belimo Smart Pressure Independent Control Valve Sales, Revenue, Price and Gross Margin (2021-2026)

- 13.1.4 Belimo Main Business Overview
- 13.1.5 Belimo Latest Developments
- 13.2 Siemens
 - 13.2.1 Siemens Company Information
 - 13.2.2 Siemens Smart Pressure Independent Control Valve Product Portfolios and Specifications
 - 13.2.3 Siemens Smart Pressure Independent Control Valve Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.2.4 Siemens Main Business Overview
 - 13.2.5 Siemens Latest Developments
- 13.3 Danfoss
 - 13.3.1 Danfoss Company Information
 - 13.3.2 Danfoss Smart Pressure Independent Control Valve Product Portfolios and Specifications
 - 13.3.3 Danfoss Smart Pressure Independent Control Valve Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.3.4 Danfoss Main Business Overview
 - 13.3.5 Danfoss Latest Developments
- 13.4 IMI plc
 - 13.4.1 IMI plc Company Information
 - 13.4.2 IMI plc Smart Pressure Independent Control Valve Product Portfolios and Specifications
 - 13.4.3 IMI plc Smart Pressure Independent Control Valve Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.4.4 IMI plc Main Business Overview
 - 13.4.5 IMI plc Latest Developments
- 13.5 Johnson Controls
 - 13.5.1 Johnson Controls Company Information
 - 13.5.2 Johnson Controls Smart Pressure Independent Control Valve Product Portfolios and Specifications
 - 13.5.3 Johnson Controls Smart Pressure Independent Control Valve Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.5.4 Johnson Controls Main Business Overview
 - 13.5.5 Johnson Controls Latest Developments
- 13.6 KSB
 - 13.6.1 KSB Company Information
 - 13.6.2 KSB Smart Pressure Independent Control Valve Product Portfolios and Specifications
 - 13.6.3 KSB Smart Pressure Independent Control Valve Sales, Revenue, Price and

Gross Margin (2021-2026)

13.6.4 KSB Main Business Overview

13.6.5 KSB Latest Developments

13.7 FlowCon International / Griswold Controls

13.7.1 FlowCon International / Griswold Controls Company Information

13.7.2 FlowCon International / Griswold Controls Smart Pressure Independent Control Valve Product Portfolios and Specifications

13.7.3 FlowCon International / Griswold Controls Smart Pressure Independent Control

Valve Sales, Revenue, Price and Gross Margin (2021-2026)

13.7.4 FlowCon International / Griswold Controls Main Business Overview

13.7.5 FlowCon International / Griswold Controls Latest Developments

13.8 Frese A/S

13.8.1 Frese A/S Company Information

13.8.2 Frese A/S Smart Pressure Independent Control Valve Product Portfolios and Specifications

13.8.3 Frese A/S Smart Pressure Independent Control Valve Sales, Revenue, Price and Gross Margin (2021-2026)

13.8.4 Frese A/S Main Business Overview

13.8.5 Frese A/S Latest Developments

13.9 Crane Company

13.9.1 Crane Company Company Information

13.9.2 Crane Company Smart Pressure Independent Control Valve Product Portfolios and Specifications

13.9.3 Crane Company Smart Pressure Independent Control Valve Sales, Revenue, Price and Gross Margin (2021-2026)

13.9.4 Crane Company Main Business Overview

13.9.5 Crane Company Latest Developments

13.10 SAUTER

13.10.1 SAUTER Company Information

13.10.2 SAUTER Smart Pressure Independent Control Valve Product Portfolios and Specifications

13.10.3 SAUTER Smart Pressure Independent Control Valve Sales, Revenue, Price and Gross Margin (2021-2026)

13.10.4 SAUTER Main Business Overview

13.10.5 SAUTER Latest Developments

13.11 Oventrop

13.11.1 Oventrop Company Information

13.11.2 Oventrop Smart Pressure Independent Control Valve Product Portfolios and Specifications

13.11.3 Oventrop Smart Pressure Independent Control Valve Sales, Revenue, Price and Gross Margin (2021-2026)

13.11.4 Oventrop Main Business Overview

13.11.5 Oventrop Latest Developments

13.12 Azbil Corporation

13.12.1 Azbil Corporation Company Information

13.12.2 Azbil Corporation Smart Pressure Independent Control Valve Product Portfolios and Specifications

13.12.3 Azbil Corporation Smart Pressure Independent Control Valve Sales, Revenue, Price and Gross Margin (2021-2026)

13.12.4 Azbil Corporation Main Business Overview

13.12.5 Azbil Corporation Latest Developments

13.13 Samyang Valve

13.13.1 Samyang Valve Company Information

13.13.2 Samyang Valve Smart Pressure Independent Control Valve Product Portfolios and Specifications

13.13.3 Samyang Valve Smart Pressure Independent Control Valve Sales, Revenue, Price and Gross Margin (2021-2026)

13.13.4 Samyang Valve Main Business Overview

13.13.5 Samyang Valve Latest Developments

13.14 Shenzhen Saswell Technology Inc.

13.14.1 Shenzhen Saswell Technology Inc. Company Information

13.14.2 Shenzhen Saswell Technology Inc. Smart Pressure Independent Control Valve Product Portfolios and Specifications

13.14.3 Shenzhen Saswell Technology Inc. Smart Pressure Independent Control Valve Sales, Revenue, Price and Gross Margin (2021-2026)

13.14.4 Shenzhen Saswell Technology Inc. Main Business Overview

13.14.5 Shenzhen Saswell Technology Inc. Latest Developments

13.15 Beijing Hailin Energy Saving Equipment INC

13.15.1 Beijing Hailin Energy Saving Equipment INC Company Information

13.15.2 Beijing Hailin Energy Saving Equipment INC Smart Pressure Independent Control Valve Product Portfolios and Specifications

13.15.3 Beijing Hailin Energy Saving Equipment INC Smart Pressure Independent Control Valve Sales, Revenue, Price and Gross Margin (2021-2026)

13.15.4 Beijing Hailin Energy Saving Equipment INC Main Business Overview

13.15.5 Beijing Hailin Energy Saving Equipment INC Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

- Table 1. Smart Pressure Independent Control Valve Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Table 2. Smart Pressure Independent Control Valve Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & (\$ millions)
- Table 3. Major Players of Remote-Configurable Smart PICVs
- Table 4. Major Players of Flow-Measuring Smart PICVs
- Table 5. Major Players of Temperature-Monitoring Smart PICVs
- Table 6. Major Players of Energy-Metering Smart PICVs
- Table 7. Major Players of Delta-T Management Smart PICVs
- Table 8. Major Players of Others
- Table 9. Global Smart Pressure Independent Control Valve Sales by Type (2021-2026) & (K Units)
- Table 10. Global Smart Pressure Independent Control Valve Sales Market Share by Type (2021-2026)
- Table 11. Global Smart Pressure Independent Control Valve Revenue by Type (2021-2026) & (\$ million)
- Table 12. Global Smart Pressure Independent Control Valve Revenue Market Share by Type (2021-2026)
- Table 13. Global Smart Pressure Independent Control Valve Sale Price by Type (2021-2026) & (US\$/Unit)
- Table 14. Major Players of Threaded Pressure Independent Control Valves
- Table 15. Major Players of Flanged Pressure Independent Control Valves
- Table 16. Major Players of Grooved Pressure Independent Control Valves
- Table 17. Major Players of Press-Fit Pressure Independent Control Valves
- Table 18. Major Players of Soldered or Brazed Pressure Independent Control Valves
- Table 19. Major Players of Others
- Table 20. Global Smart Pressure Independent Control Valve Sales by Connection Type (2021-2026) & (K Units)
- Table 21. Global Smart Pressure Independent Control Valve Sales Market Share by Connection Type (2021-2026)
- Table 22. Global Smart Pressure Independent Control Valve Revenue by Connection Type (2021-2026) & (\$ million)
- Table 23. Global Smart Pressure Independent Control Valve Revenue Market Share by Connection Type (2021-2026)
- Table 24. Global Smart Pressure Independent Control Valve Sale Price by Connection

Type (2021-2026) & (US\$/Unit)

Table 25. Major Players of DN15–DN25

Table 26. Major Players of DN32–DN50

Table 27. Major Players of DN65–DN100

Table 28. Major Players of Above DN100

Table 29. Global Smart Pressure Independent Control Valve Sales by Diameter (2021-2026) & (K Units)

Table 30. Global Smart Pressure Independent Control Valve Sales Market Share by Diameter (2021-2026)

Table 31. Global Smart Pressure Independent Control Valve Revenue by Diameter (2021-2026) & (\$ million)

Table 32. Global Smart Pressure Independent Control Valve Revenue Market Share by Diameter (2021-2026)

Table 33. Global Smart Pressure Independent Control Valve Sale Price by Diameter (2021-2026) & (US\$/Unit)

Table 34. Global Smart Pressure Independent Control Valve Sale by Application (2021-2026) & (K Units)

Table 35. Global Smart Pressure Independent Control Valve Sale Market Share by Application (2021-2026)

Table 36. Global Smart Pressure Independent Control Valve Revenue by Application (2021-2026) & (\$ million)

Table 37. Global Smart Pressure Independent Control Valve Revenue Market Share by Application (2021-2026)

Table 38. Global Smart Pressure Independent Control Valve Sale Price by Application (2021-2026) & (US\$/Unit)

Table 39. Global Smart Pressure Independent Control Valve Sales by Company (2021-2026) & (K Units)

Table 40. Global Smart Pressure Independent Control Valve Sales Market Share by Company (2021-2026)

Table 41. Global Smart Pressure Independent Control Valve Revenue by Company (2021-2026) & (\$ millions)

Table 42. Global Smart Pressure Independent Control Valve Revenue Market Share by Company (2021-2026)

Table 43. Global Smart Pressure Independent Control Valve Sale Price by Company (2021-2026) & (US\$/Unit)

Table 44. Key Manufacturers Smart Pressure Independent Control Valve Producing Area Distribution and Sales Area

Table 45. Players Smart Pressure Independent Control Valve Products Offered

Table 46. Smart Pressure Independent Control Valve Concentration Ratio (CR3, CR5)

and CR10) & (2024-2026)

Table 47. New Products and Potential Entrants

Table 48. Market M&A Activity & Strategy

Table 49. Global Smart Pressure Independent Control Valve Sales by Geographic Region (2021-2026) & (K Units)

Table 50. Global Smart Pressure Independent Control Valve Sales Market Share Geographic Region (2021-2026)

Table 51. Global Smart Pressure Independent Control Valve Revenue by Geographic Region (2021-2026) & (\$ millions)

Table 52. Global Smart Pressure Independent Control Valve Revenue Market Share by Geographic Region (2021-2026)

Table 53. Global Smart Pressure Independent Control Valve Sales by Country/Region (2021-2026) & (K Units)

Table 54. Global Smart Pressure Independent Control Valve Sales Market Share by Country/Region (2021-2026)

Table 55. Global Smart Pressure Independent Control Valve Revenue by Country/Region (2021-2026) & (\$ millions)

Table 56. Global Smart Pressure Independent Control Valve Revenue Market Share by Country/Region (2021-2026)

Table 57. Americas Smart Pressure Independent Control Valve Sales by Country (2021-2026) & (K Units)

Table 58. Americas Smart Pressure Independent Control Valve Sales Market Share by Country (2021-2026)

Table 59. Americas Smart Pressure Independent Control Valve Revenue by Country (2021-2026) & (\$ millions)

Table 60. Americas Smart Pressure Independent Control Valve Sales by Type (2021-2026) & (K Units)

Table 61. Americas Smart Pressure Independent Control Valve Sales by Application (2021-2026) & (K Units)

Table 62. APAC Smart Pressure Independent Control Valve Sales by Region (2021-2026) & (K Units)

Table 63. APAC Smart Pressure Independent Control Valve Sales Market Share by Region (2021-2026)

Table 64. APAC Smart Pressure Independent Control Valve Revenue by Region (2021-2026) & (\$ millions)

Table 65. APAC Smart Pressure Independent Control Valve Sales by Type (2021-2026) & (K Units)

Table 66. APAC Smart Pressure Independent Control Valve Sales by Application (2021-2026) & (K Units)

Table 67. Europe Smart Pressure Independent Control Valve Sales by Country (2021-2026) & (K Units)

Table 68. Europe Smart Pressure Independent Control Valve Revenue by Country (2021-2026) & (\$ millions)

Table 69. Europe Smart Pressure Independent Control Valve Sales by Type (2021-2026) & (K Units)

Table 70. Europe Smart Pressure Independent Control Valve Sales by Application (2021-2026) & (K Units)

Table 71. Middle East & Africa Smart Pressure Independent Control Valve Sales by Country (2021-2026) & (K Units)

Table 72. Middle East & Africa Smart Pressure Independent Control Valve Revenue Market Share by Country (2021-2026)

Table 73. Middle East & Africa Smart Pressure Independent Control Valve Sales by Type (2021-2026) & (K Units)

Table 74. Middle East & Africa Smart Pressure Independent Control Valve Sales by Application (2021-2026) & (K Units)

Table 75. Key Market Drivers & Growth Opportunities of Smart Pressure Independent Control Valve

Table 76. Key Market Challenges & Risks of Smart Pressure Independent Control Valve

Table 77. Key Industry Trends of Smart Pressure Independent Control Valve

Table 78. Smart Pressure Independent Control Valve Raw Material

Table 79. Key Suppliers of Raw Materials

Table 80. Smart Pressure Independent Control Valve Distributors List

Table 81. Smart Pressure Independent Control Valve Customer List

Table 82. Global Smart Pressure Independent Control Valve Sales Forecast by Region (2027-2032) & (K Units)

Table 83. Global Smart Pressure Independent Control Valve Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 84. Americas Smart Pressure Independent Control Valve Sales Forecast by Country (2027-2032) & (K Units)

Table 85. Americas Smart Pressure Independent Control Valve Annual Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 86. APAC Smart Pressure Independent Control Valve Sales Forecast by Region (2027-2032) & (K Units)

Table 87. APAC Smart Pressure Independent Control Valve Annual Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 88. Europe Smart Pressure Independent Control Valve Sales Forecast by Country (2027-2032) & (K Units)

Table 89. Europe Smart Pressure Independent Control Valve Revenue Forecast by

Country (2027-2032) & (\$ millions)

Table 90. Middle East & Africa Smart Pressure Independent Control Valve Sales
Forecast by Country (2027-2032) & (K Units)

Table 91. Middle East & Africa Smart Pressure Independent Control Valve Revenue
Forecast by Country (2027-2032) & (\$ millions)

Table 92. Global Smart Pressure Independent Control Valve Sales Forecast by Type
(2027-2032) & (K Units)

Table 93. Global Smart Pressure Independent Control Valve Revenue Forecast by Type
(2027-2032) & (\$ millions)

Table 94. Global Smart Pressure Independent Control Valve Sales Forecast by
Application (2027-2032) & (K Units)

Table 95. Global Smart Pressure Independent Control Valve Revenue Forecast by
Application (2027-2032) & (\$ millions)

Table 96. Belimo Basic Information, Smart Pressure Independent Control Valve
Manufacturing Base, Sales Area and Its Competitors

Table 97. Belimo Smart Pressure Independent Control Valve Product Portfolios and
Specifications

Table 98. Belimo Smart Pressure Independent Control Valve Sales (K Units), Revenue
(\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 99. Belimo Main Business

Table 100. Belimo Latest Developments

Table 101. Siemens Basic Information, Smart Pressure Independent Control Valve
Manufacturing Base, Sales Area and Its Competitors

Table 102. Siemens Smart Pressure Independent Control Valve Product Portfolios and
Specifications

Table 103. Siemens Smart Pressure Independent Control Valve Sales (K Units),
Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 104. Siemens Main Business

Table 105. Siemens Latest Developments

Table 106. Danfoss Basic Information, Smart Pressure Independent Control Valve
Manufacturing Base, Sales Area and Its Competitors

Table 107. Danfoss Smart Pressure Independent Control Valve Product Portfolios and
Specifications

Table 108. Danfoss Smart Pressure Independent Control Valve Sales (K Units),
Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 109. Danfoss Main Business

Table 110. Danfoss Latest Developments

Table 111. IMI plc Basic Information, Smart Pressure Independent Control Valve
Manufacturing Base, Sales Area and Its Competitors

Table 112. IMI plc Smart Pressure Independent Control Valve Product Portfolios and Specifications

Table 113. IMI plc Smart Pressure Independent Control Valve Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 114. IMI plc Main Business

Table 115. IMI plc Latest Developments

Table 116. Johnson Controls Basic Information, Smart Pressure Independent Control Valve Manufacturing Base, Sales Area and Its Competitors

Table 117. Johnson Controls Smart Pressure Independent Control Valve Product Portfolios and Specifications

Table 118. Johnson Controls Smart Pressure Independent Control Valve Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 119. Johnson Controls Main Business

Table 120. Johnson Controls Latest Developments

Table 121. KSB Basic Information, Smart Pressure Independent Control Valve Manufacturing Base, Sales Area and Its Competitors

Table 122. KSB Smart Pressure Independent Control Valve Product Portfolios and Specifications

Table 123. KSB Smart Pressure Independent Control Valve Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 124. KSB Main Business

Table 125. KSB Latest Developments

Table 126. FlowCon International / Griswold Controls Basic Information, Smart Pressure Independent Control Valve Manufacturing Base, Sales Area and Its Competitors

Table 127. FlowCon International / Griswold Controls Smart Pressure Independent Control Valve Product Portfolios and Specifications

Table 128. FlowCon International / Griswold Controls Smart Pressure Independent Control Valve Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 129. FlowCon International / Griswold Controls Main Business

Table 130. FlowCon International / Griswold Controls Latest Developments

Table 131. Frese A/S Basic Information, Smart Pressure Independent Control Valve Manufacturing Base, Sales Area and Its Competitors

Table 132. Frese A/S Smart Pressure Independent Control Valve Product Portfolios and Specifications

Table 133. Frese A/S Smart Pressure Independent Control Valve Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 134. Frese A/S Main Business

Table 135. Frese A/S Latest Developments

Table 136. Crane Company Basic Information, Smart Pressure Independent Control Valve Manufacturing Base, Sales Area and Its Competitors

Table 137. Crane Company Smart Pressure Independent Control Valve Product Portfolios and Specifications

Table 138. Crane Company Smart Pressure Independent Control Valve Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 139. Crane Company Main Business

Table 140. Crane Company Latest Developments

Table 141. SAUTER Basic Information, Smart Pressure Independent Control Valve Manufacturing Base, Sales Area and Its Competitors

Table 142. SAUTER Smart Pressure Independent Control Valve Product Portfolios and Specifications

Table 143. SAUTER Smart Pressure Independent Control Valve Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 144. SAUTER Main Business

Table 145. SAUTER Latest Developments

Table 146. Oventrop Basic Information, Smart Pressure Independent Control Valve Manufacturing Base, Sales Area and Its Competitors

Table 147. Oventrop Smart Pressure Independent Control Valve Product Portfolios and Specifications

Table 148. Oventrop Smart Pressure Independent Control Valve Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 149. Oventrop Main Business

Table 150. Oventrop Latest Developments

Table 151. Azbil Corporation Basic Information, Smart Pressure Independent Control Valve Manufacturing Base, Sales Area and Its Competitors

Table 152. Azbil Corporation Smart Pressure Independent Control Valve Product Portfolios and Specifications

Table 153. Azbil Corporation Smart Pressure Independent Control Valve Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 154. Azbil Corporation Main Business

Table 155. Azbil Corporation Latest Developments

Table 156. Samyang Valve Basic Information, Smart Pressure Independent Control Valve Manufacturing Base, Sales Area and Its Competitors

Table 157. Samyang Valve Smart Pressure Independent Control Valve Product Portfolios and Specifications

Table 158. Samyang Valve Smart Pressure Independent Control Valve Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 159. Samyang Valve Main Business

Table 160. Samyang Valve Latest Developments

Table 161. Shenzhen Saswell Technology Inc. Basic Information, Smart Pressure Independent Control Valve Manufacturing Base, Sales Area and Its Competitors

Table 162. Shenzhen Saswell Technology Inc. Smart Pressure Independent Control Valve Product Portfolios and Specifications

Table 163. Shenzhen Saswell Technology Inc. Smart Pressure Independent Control Valve Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 164. Shenzhen Saswell Technology Inc. Main Business

Table 165. Shenzhen Saswell Technology Inc. Latest Developments

Table 166. Beijing Hailin Energy Saving Equipment INC Basic Information, Smart Pressure Independent Control Valve Manufacturing Base, Sales Area and Its Competitors

Table 167. Beijing Hailin Energy Saving Equipment INC Smart Pressure Independent Control Valve Product Portfolios and Specifications

Table 168. Beijing Hailin Energy Saving Equipment INC Smart Pressure Independent Control Valve Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 169. Beijing Hailin Energy Saving Equipment INC Main Business

Table 170. Beijing Hailin Energy Saving Equipment INC Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Smart Pressure Independent Control Valve
- Figure 2. Smart Pressure Independent Control Valve Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Smart Pressure Independent Control Valve Sales Growth Rate 2021-2032 (K Units)
- Figure 7. Global Smart Pressure Independent Control Valve Revenue Growth Rate 2021-2032 (\$ millions)
- Figure 8. Smart Pressure Independent Control Valve Sales by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Figure 9. Smart Pressure Independent Control Valve Sales Market Share by Country/Region (2025)
- Figure 10. Smart Pressure Independent Control Valve Sales Market Share by Country/Region (2021, 2025 & 2032)
- Figure 11. Product Picture of Remote-Configurable Smart PICVs
- Figure 12. Product Picture of Flow-Measuring Smart PICVs
- Figure 13. Product Picture of Temperature-Monitoring Smart PICVs
- Figure 14. Product Picture of Energy-Metering Smart PICVs
- Figure 15. Product Picture of Delta-T Management Smart PICVs
- Figure 16. Product Picture of Others
- Figure 17. Global Smart Pressure Independent Control Valve Sales Market Share by Type in 2026
- Figure 18. Global Smart Pressure Independent Control Valve Revenue Market Share by Type (2021-2026)
- Figure 19. Product Picture of Threaded Pressure Independent Control Valves
- Figure 20. Product Picture of Flanged Pressure Independent Control Valves
- Figure 21. Product Picture of Grooved Pressure Independent Control Valves
- Figure 22. Product Picture of Press-Fit Pressure Independent Control Valves
- Figure 23. Product Picture of Soldered or Brazed Pressure Independent Control Valves
- Figure 24. Product Picture of Others
- Figure 25. Global Smart Pressure Independent Control Valve Sales Market Share by Connection Type in 2026
- Figure 26. Global Smart Pressure Independent Control Valve Revenue Market Share by Connection Type (2021-2026)

Figure 27. Product Picture of DN15–DN25

Figure 28. Product Picture of DN32–DN50

Figure 29. Product Picture of DN65–DN100

Figure 30. Product Picture of Above DN100

Figure 31. Global Smart Pressure Independent Control Valve Sales Market Share by Diameter in 2026

Figure 32. Global Smart Pressure Independent Control Valve Revenue Market Share by Diameter (2021-2026)

Figure 33. Smart Pressure Independent Control Valve Consumed in Commercial Buildings

Figure 34. Global Smart Pressure Independent Control Valve Market: Commercial Buildings (2021-2026) & (K Units)

Figure 35. Smart Pressure Independent Control Valve Consumed in Data Centers

Figure 36. Global Smart Pressure Independent Control Valve Market: Data Centers (2021-2026) & (K Units)

Figure 37. Smart Pressure Independent Control Valve Consumed in Healthcare Facilities

Figure 38. Global Smart Pressure Independent Control Valve Market: Healthcare Facilities (2021-2026) & (K Units)

Figure 39. Smart Pressure Independent Control Valve Consumed in Hotels and Hospitality

Figure 40. Global Smart Pressure Independent Control Valve Market: Hotels and Hospitality (2021-2026) & (K Units)

Figure 41. Smart Pressure Independent Control Valve Consumed in Shopping Centers and Retail Buildings

Figure 42. Global Smart Pressure Independent Control Valve Market: Shopping Centers and Retail Buildings (2021-2026) & (K Units)

Figure 43. Smart Pressure Independent Control Valve Consumed in District Heating and Cooling

Figure 44. Global Smart Pressure Independent Control Valve Market: District Heating and Cooling (2021-2026) & (K Units)

Figure 45. Smart Pressure Independent Control Valve Consumed in Residential Buildings

Figure 46. Global Smart Pressure Independent Control Valve Market: Residential Buildings (2021-2026) & (K Units)

Figure 47. Smart Pressure Independent Control Valve Consumed in Airports and Transportation Hubs

Figure 48. Global Smart Pressure Independent Control Valve Market: Airports and Transportation Hubs (2021-2026) & (K Units)

Figure 49. Smart Pressure Independent Control Valve Consumed in Government and Public Buildings

Figure 50. Global Smart Pressure Independent Control Valve Market: Government and Public Buildings (2021-2026) & (K Units)

Figure 51. Global Smart Pressure Independent Control Valve Sale Market Share by Application (2025)

Figure 52. Global Smart Pressure Independent Control Valve Revenue Market Share by Application in 2025

Figure 53. Smart Pressure Independent Control Valve Sales by Company in 2025 (K Units)

Figure 54. Global Smart Pressure Independent Control Valve Sales Market Share by Company in 2025

Figure 55. Smart Pressure Independent Control Valve Revenue by Company in 2025 (\$ millions)

Figure 56. Global Smart Pressure Independent Control Valve Revenue Market Share by Company in 2025

Figure 57. Global Smart Pressure Independent Control Valve Sales Market Share by Geographic Region (2021-2026)

Figure 58. Global Smart Pressure Independent Control Valve Revenue Market Share by Geographic Region in 2025

Figure 59. Americas Smart Pressure Independent Control Valve Sales 2021-2026 (K Units)

Figure 60. Americas Smart Pressure Independent Control Valve Revenue 2021-2026 (\$ millions)

Figure 61. APAC Smart Pressure Independent Control Valve Sales 2021-2026 (K Units)

Figure 62. APAC Smart Pressure Independent Control Valve Revenue 2021-2026 (\$ millions)

Figure 63. Europe Smart Pressure Independent Control Valve Sales 2021-2026 (K Units)

Figure 64. Europe Smart Pressure Independent Control Valve Revenue 2021-2026 (\$ millions)

Figure 65. Middle East & Africa Smart Pressure Independent Control Valve Sales 2021-2026 (K Units)

Figure 66. Middle East & Africa Smart Pressure Independent Control Valve Revenue 2021-2026 (\$ millions)

Figure 67. Americas Smart Pressure Independent Control Valve Sales Market Share by Country in 2025

Figure 68. Americas Smart Pressure Independent Control Valve Revenue Market Share by Country (2021-2026)

Figure 69. Americas Smart Pressure Independent Control Valve Sales Market Share by Type (2021-2026)

Figure 70. Americas Smart Pressure Independent Control Valve Sales Market Share by Application (2021-2026)

Figure 71. United States Smart Pressure Independent Control Valve Revenue Growth 2021-2026 (\$ millions)

Figure 72. Canada Smart Pressure Independent Control Valve Revenue Growth 2021-2026 (\$ millions)

Figure 73. Mexico Smart Pressure Independent Control Valve Revenue Growth 2021-2026 (\$ millions)

Figure 74. Brazil Smart Pressure Independent Control Valve Revenue Growth 2021-2026 (\$ millions)

Figure 75. APAC Smart Pressure Independent Control Valve Sales Market Share by Region in 2025

Figure 76. APAC Smart Pressure Independent Control Valve Revenue Market Share by Region (2021-2026)

Figure 77. APAC Smart Pressure Independent Control Valve Sales Market Share by Type (2021-2026)

Figure 78. APAC Smart Pressure Independent Control Valve Sales Market Share by Application (2021-2026)

Figure 79. China Smart Pressure Independent Control Valve Revenue Growth 2021-2026 (\$ millions)

Figure 80. Japan Smart Pressure Independent Control Valve Revenue Growth 2021-2026 (\$ millions)

Figure 81. South Korea Smart Pressure Independent Control Valve Revenue Growth 2021-2026 (\$ millions)

Figure 82. Southeast Asia Smart Pressure Independent Control Valve Revenue Growth 2021-2026 (\$ millions)

Figure 83. India Smart Pressure Independent Control Valve Revenue Growth 2021-2026 (\$ millions)

Figure 84. Australia Smart Pressure Independent Control Valve Revenue Growth 2021-2026 (\$ millions)

Figure 85. China Taiwan Smart Pressure Independent Control Valve Revenue Growth 2021-2026 (\$ millions)

Figure 86. Europe Smart Pressure Independent Control Valve Sales Market Share by Country in 2025

Figure 87. Europe Smart Pressure Independent Control Valve Revenue Market Share by Country (2021-2026)

Figure 88. Europe Smart Pressure Independent Control Valve Sales Market Share by

Type (2021-2026)

Figure 89. Europe Smart Pressure Independent Control Valve Sales Market Share by Application (2021-2026)

Figure 90. Germany Smart Pressure Independent Control Valve Revenue Growth 2021-2026 (\$ millions)

Figure 91. France Smart Pressure Independent Control Valve Revenue Growth 2021-2026 (\$ millions)

Figure 92. UK Smart Pressure Independent Control Valve Revenue Growth 2021-2026 (\$ millions)

Figure 93. Italy Smart Pressure Independent Control Valve Revenue Growth 2021-2026 (\$ millions)

Figure 94. Russia Smart Pressure Independent Control Valve Revenue Growth 2021-2026 (\$ millions)

Figure 95. Middle East & Africa Smart Pressure Independent Control Valve Sales Market Share by Country (2021-2026)

Figure 96. Middle East & Africa Smart Pressure Independent Control Valve Sales Market Share by Type (2021-2026)

Figure 97. Middle East & Africa Smart Pressure Independent Control Valve Sales Market Share by Application (2021-2026)

Figure 98. Egypt Smart Pressure Independent Control Valve Revenue Growth 2021-2026 (\$ millions)

Figure 99. South Africa Smart Pressure Independent Control Valve Revenue Growth 2021-2026 (\$ millions)

Figure 100. Israel Smart Pressure Independent Control Valve Revenue Growth 2021-2026 (\$ millions)

Figure 101. Turkey Smart Pressure Independent Control Valve Revenue Growth 2021-2026 (\$ millions)

Figure 102. GCC Countries Smart Pressure Independent Control Valve Revenue Growth 2021-2026 (\$ millions)

Figure 103. Manufacturing Cost Structure Analysis of Smart Pressure Independent Control Valve in 2026

Figure 104. Manufacturing Process Analysis of Smart Pressure Independent Control Valve

Figure 105. Industry Chain Structure of Smart Pressure Independent Control Valve

Figure 106. Channels of Distribution

Figure 107. Global Smart Pressure Independent Control Valve Sales Market Forecast by Region (2027-2032)

Figure 108. Global Smart Pressure Independent Control Valve Revenue Market Share Forecast by Region (2027-2032)

Figure 109. Global Smart Pressure Independent Control Valve Sales Market Share
Forecast by Type (2027-2032)

Figure 110. Global Smart Pressure Independent Control Valve Revenue Market Share
Forecast by Type (2027-2032)

Figure 111. Global Smart Pressure Independent Control Valve Sales Market Share
Forecast by Application (2027-2032)

Figure 112. Global Smart Pressure Independent Control Valve Revenue Market Share
Forecast by Application (2027-2032)

I would like to order

Product name: Global Smart Pressure Independent Control Valve Market Growth 2026-2032

Product link: <https://marketpublishers.com/r/G84BC07C2945EN.html>

Price: US\$ 3,660.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G84BC07C2945EN.html>