

# Global Pilot-operated Pneumatic Solenoid Valves Supply, Demand and Key Producers, 2026-2032

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## Abstracts

The global Pilot-operated Pneumatic Solenoid Valves market size is expected to reach \$ 898 million by 2032, rising at a market growth of 4.1% CAGR during the forecast period (2026-2032).

In 2025, global sales volume of pilot-operated pneumatic solenoid valves is estimated at approximately 26,300,000 units, with an average selling price of around USD 24 per unit. A pilot-operated pneumatic solenoid valve is a pneumatic control component that uses a low-power electromagnetic force to control a pilot air circuit, which then drives the main spool via pressure differentials. Compared with direct-acting designs, it is better suited for medium-to-high pressure and high-flow conditions, offering low power consumption, strong actuation capability, longer service life, and strong adaptability to complex industrial pneumatic systems.

From a market structure perspective, pilot-operated pneumatic solenoid valves represent a mainstream medium-to-high flow structural type within pneumatic solenoid systems, with demand closely linked to the increasing scale and complexity of industrial automation equipment. By using pneumatic amplification for actuation, these valves offer significant advantages in high-flow and high-frequency operation scenarios, achieving a better balance between energy consumption and output capability compared to direct-acting types. Industry barriers are moderate, mainly focused on pilot structure stability, response consistency, sealing durability, and high-cycle reliability control. The market shows large-scale application characteristics, with leading companies dominating high-reliability industrial automation and pneumatic system integration segments, while mid-to-low-end markets remain highly fragmented.

This report studies the global Pilot-operated Pneumatic Solenoid Valves production,

demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Pilot-operated Pneumatic Solenoid Valves and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Pilot-operated Pneumatic Solenoid Valves that contribute to its increasing demand across many markets.

### **Highlights and key features of the study**

Global Pilot-operated Pneumatic Solenoid Valves total production and demand, 2021-2032, (Units)

Global Pilot-operated Pneumatic Solenoid Valves total production value, 2021-2032, (USD Million)

Global Pilot-operated Pneumatic Solenoid Valves production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Units), (based on production site)

Global Pilot-operated Pneumatic Solenoid Valves consumption by region & country, CAGR, 2021-2032 & (Units)

U.S. VS China: Pilot-operated Pneumatic Solenoid Valves domestic production, consumption, key domestic manufacturers and share

Global Pilot-operated Pneumatic Solenoid Valves production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Units)

Global Pilot-operated Pneumatic Solenoid Valves production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Units)

Global Pilot-operated Pneumatic Solenoid Valves production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Units)

This report profiles key players in the global Pilot-operated Pneumatic Solenoid Valves market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Emerson, Magnet Schultz, Westport Fuel Systems, OMB SALERI, Bitron, ETO GRUPPE, IMI Norgren, B?rkert, EKK Eagle, Hamai Industries, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices

used in analyzing the World Pilot-operated Pneumatic Solenoid Valves market

### **Detailed Segmentation:**

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

### Global Pilot-operated Pneumatic Solenoid Valves Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

### Global Pilot-operated Pneumatic Solenoid Valves Market, Segmentation by Type:

Two-way

Three-way

Four-way

Others

## Global Pilot-operated Pneumatic Solenoid Valves Market, Segmentation by Function:

Normally Open Solenoid Valve

Normally Closed Solenoid Valve

## Global Pilot-operated Pneumatic Solenoid Valves Market, Segmentation by Pressure Rating:

Low-pressure Valves

Medium-pressure Valves

High-pressure Valves

## Global Pilot-operated Pneumatic Solenoid Valves Market, Segmentation by Application:

Automation

Transportation Industry

Industrial

Others

## Companies Profiled:

Emerson

Magnet Schultz

Westport Fuel Systems

OMB SALERI

Bitron

ETO GRUPPE

IMI Norgren

B?rkert

EKK Eagle

Hamai Industries

Parker Hannifin

Eugen Seitz

Magnetbau Schramme

Bosch

Nova Swiss

Metatron

TAKANO

Clark Cooper

M?ller co-ax

Zhejiang Hongsheng Auto

Clippard

Jaksa

GSR Ventiltechnik

## **Key Questions Answered:**

*Global Pilot-operated Pneumatic Solenoid Valves Supply, Demand and Key Producers, 2026-2032*

1. How big is the global Pilot-operated Pneumatic Solenoid Valves market?
2. What is the demand of the global Pilot-operated Pneumatic Solenoid Valves market?
3. What is the year over year growth of the global Pilot-operated Pneumatic Solenoid Valves market?
4. What is the production and production value of the global Pilot-operated Pneumatic Solenoid Valves market?
5. Who are the key producers in the global Pilot-operated Pneumatic Solenoid Valves market?
6. What are the growth factors driving the market demand?

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