

# Global Pneumatic Direct-acting Solenoid Valve Competitive Landscape Professional Research Report 2025

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## Abstracts

### Market Overview

According to DIResearch's in-depth investigation and research, the global Pneumatic Direct-acting Solenoid Valve market size will reach 3,595.76 Million USD in 2025 and is projected to reach 4,712.70 Million USD by 2032, with a CAGR of 3.94% (2025-2032). Notably, the China Pneumatic Direct-acting Solenoid Valve market has changed rapidly in the past few years. By 2025, China's market size is expected to be Million USD, representing approximately % of the global market share.

### Research Summary

A pneumatic direct-acting solenoid valve is a type of control valve used in pneumatic systems to regulate the flow of compressed air. It operates by utilizing an electromagnetic coil, known as a solenoid, to control the opening and closing of the valve. When an electrical current is applied to the solenoid, it generates a magnetic field that lifts a plunger, allowing air to flow through the valve. Conversely, when the electrical current is removed, the plunger returns to its original position, closing off the air supply. This direct-acting design allows for quick and precise control of airflow in pneumatic circuits. Pneumatic direct-acting solenoid valves find widespread use in various industrial applications, including manufacturing, automation, and process control, where rapid response and accurate control of air supply are essential for the proper functioning of pneumatic systems.

The major global manufacturers of Pneumatic Direct-acting Solenoid Valve include IMI Group, Emerson, CEME, B?rkert, SMC, MAC, CKD, Parker, Danfoss, Ingersoll-Rand,

etc. The global players competition landscape in this report is divided into three tiers. The first tier comprises global leading enterprises that command a substantial market share, hold a dominant industry position, possess strong competitiveness and influence, and generate significant revenue. The second tier includes companies with a notable market presence and reputation; these firms actively follow industry leaders in product, service, or technological innovation and maintain a moderate revenue scale. The third tier consists of smaller companies with limited market share and lower brand recognition, primarily focused on local markets and generating comparatively lower revenue.

This report studies the market size, price trends and future development prospects of Pneumatic Direct-acting Solenoid Valve. Focus on analysing the market share, product portfolio, prices, sales, revenue and gross profit margin of global major manufacturers, as well as the market status and trends of different product types and applications in the global Pneumatic Direct-acting Solenoid Valve market. The report data covers historical data from 2020 to 2024, based year in 2025 and forecast data from 2026 to 2032.

The regions and countries in the report include North America, Europe, China, APAC (excl. China), Latin America and Middle East and Africa, covering the Pneumatic Direct-acting Solenoid Valve market conditions and future development trends of key regions and countries, combined with industry-related policies and the latest technological developments, analyze the development characteristics of Pneumatic Direct-acting Solenoid Valve industries in various regions and countries, help companies understand the development characteristics of each region, help companies formulate business strategies, and achieve the ultimate goal of the company's global development strategy.

The data sources of this report mainly include the National Bureau of Statistics, customs databases, industry associations, corporate financial reports, third-party databases, etc. Among them, macroeconomic data mainly comes from the National Bureau of Statistics, International Economic Research Organization; industry statistical data mainly come from industry associations; company data mainly comes from interviews, public information collection, third-party reliable databases, and price data mainly comes from various markets monitoring database.

Global Key Manufacturers of Pneumatic Direct-acting Solenoid Valve Include:

IMI Group

Emerson

CEME

Bürkert

SMC

MAC

CKD

Parker

Danfoss

Ingersoll-Rand

Pneumatic Direct-acting Solenoid Valve Product Segment Include:

Three-way SV

Four-way SV

Five-way SV

Others

Pneumatic Direct-acting Solenoid Valve Product Application Include:

Automation

Transportation

Industrial

Others

## Chapter Scope

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