

# Global Explosion-Proof Solenoid Valve Market Growth 2025-2031

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## Abstracts

The global Explosion-Proof Solenoid Valve market size is predicted to grow from US\$ 601 million in 2025 to US\$ 713 million in 2031; it is expected to grow at a CAGR of 2.9% from 2025 to 2031.

The impact of the latest U.S. tariff measures and the corresponding policy responses from countries worldwide on market competitiveness, regional economic performance, and supply chain configurations will be comprehensively evaluated in this report.

A solenoid valve is an electromechanically operated valve. The valve is controlled by an electric current through a solenoid: in the case of a two-port valve the flow is switched on or off; in the case of a three-port valve, the outflow is switched between the two outlet ports. Multiple solenoid valves can be placed together on a manifold.

Explosion Proof Solenoid Valves are solenoid valves for use on actuator control applications located in hazardous areas that are required to comply with the International Electrical Commission Explosive directives or ATEX EU, North American NEC directives.

The world's leading manufacturers of explosion proof solenoid valves are Asco, Parker, Kendrion, Festo, SMC, Burkert, Norgren, CKD, Konan Electric and ODE.

LP Information, Inc. (LPI) ' newest research report, the "Explosion-Proof Solenoid Valve Industry Forecast" looks at past sales and reviews total world Explosion-Proof Solenoid Valve sales in 2024, providing a comprehensive analysis by region and market sector of projected Explosion-Proof Solenoid Valve sales for 2025 through 2031. With Explosion-Proof Solenoid Valve sales broken down by region, market sector and sub-sector, this

report provides a detailed analysis in US\$ millions of the world Explosion-Proof Solenoid Valve industry.

This Insight Report provides a comprehensive analysis of the global Explosion-Proof Solenoid 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 Explosion-Proof Solenoid Valve portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Explosion-Proof Solenoid Valve market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Explosion-Proof Solenoid 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 Explosion-Proof Solenoid Valve.

This report presents a comprehensive overview, market shares, and growth opportunities of Explosion-Proof Solenoid Valve market by product type, application, key manufacturers and key regions and countries.

### **Segmentation by Type:**

Two-Way Solenoid Valve

Three-Way Solenoid Valve

Four-Way Solenoid Valve

### **Segmentation by Application:**

Chemical

Water Treatment

Oil and Gas

Power Generation

Other

**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.

Danfoss

Emerson

Omega Engineering

Parker Hannifin

Rotork

Avcon Controls

Burkert Contromatic

CKD

Curtiss-Wright

Festo

Janatics

Ningbo Kailing Pneumatic

Rotex Automation

SMC Corporation

Takasago Electric

### **Key Questions Addressed in this Report**

What is the 10-year outlook for the global Explosion-Proof Solenoid Valve market?

What factors are driving Explosion-Proof Solenoid Valve market growth, globally and by region?

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

How do Explosion-Proof Solenoid Valve market opportunities vary by end market size?

How does Explosion-Proof Solenoid Valve break out by Type, by Application?

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