

Global Explosion-proof Isolation Valve Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global Explosion-proof Isolation Valve market size is expected to reach \$ 2016 million by 2032, rising at a market growth of 3.5% CAGR during the forecast period (2026-2032).

In 2025, global Explosion-proof Isolation Valve approximately 587,926 units, with an average global market price of around US\$ 2503 per unit. Gross margin is about 44%. The cost is 1,402 usd. Production Capacity is about 650,000 units. An Explosion-proof Isolation Valve is a safety-critical device designed to prevent the propagation of explosions (flame fronts and pressure waves) through ducts or pipelines by rapidly isolating sections of a process system during an explosion event. Upstream, it relies on heavy-duty valve bodies, sealing elements, sensors (pressure, flame, or optical detectors), actuators, control units, and certified explosion-protection engineering and manufacturing technologies. Downstream, Explosion-proof Isolation Valves are widely deployed in dust collection systems, pneumatic conveying lines, silos, reactors, and process equipment across industries such as chemicals, pharmaceuticals, food processing, energy, and metals, where controlling explosion spread is essential for protecting personnel, assets, and regulatory compliance.

This report studies the global Explosion-proof Isolation Valve production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Explosion-proof Isolation Valve 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 Explosion-proof Isolation Valve that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Explosion-proof Isolation Valve total production and demand, 2021-2032, (K Units)

Global Explosion-proof Isolation Valve total production value, 2021-2032, (USD Million)

Global Explosion-proof Isolation Valve production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Units), (based on production site)

Global Explosion-proof Isolation Valve consumption by region & country, CAGR, 2021-2032 & (K Units)

U.S. VS China: Explosion-proof Isolation Valve domestic production, consumption, key domestic manufacturers and share

Global Explosion-proof Isolation Valve production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Units)

Global Explosion-proof Isolation Valve production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

Global Explosion-proof Isolation Valve production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

This report profiles key players in the global Explosion-proof Isolation Valve 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 Camfil Apc, Emerson (Fisher), Cameron, Velan Inc., IMI, Flowserve, Kitz, RICO Sicherheitstechnik AG, VilloTech, KSB, 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 Explosion-proof Isolation Valve market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K 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 Explosion-proof Isolation Valve Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Explosion-proof Isolation Valve Market, Segmentation by Type:

Passive Type

Pneumatic Actuated Type

Electric Actuated Type

Hydraulic Actuated Type

Global Explosion-proof Isolation Valve Market, Segmentation by Function:

Gas Explosion Isolation Valve

Dust Explosion Isolation Valve

Hybrid (Gas + Dust)

Global Explosion-proof Isolation Valve Market, Segmentation by Application:

Oil and Gas

Chemicals

Water Treatment

Other

Companies Profiled:

Camfil Apc

Emerson (Fisher)

Cameron

Velan Inc.

IMI

Flowserve

Kitz

RICO Sicherheitstechnik AG

VilloTech

KSB

Neway

ARI

Circor

CHLG

ADAMS

Bray

Xintai Valve

DBV

CV Technology

IEP Technologies

Key Questions Answered:

1. How big is the global Explosion-proof Isolation Valve market?
2. What is the demand of the global Explosion-proof Isolation Valve market?
3. What is the year over year growth of the global Explosion-proof Isolation Valve market?
4. What is the production and production value of the global Explosion-proof Isolation Valve market?
5. Who are the key producers in the global Explosion-proof Isolation Valve market?
6. What are the growth factors driving the market demand?

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