

Global Fuel Injector Solenoid Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global Fuel Injector Solenoid market size was valued at US\$ 3085 million in 2025 and is forecast to a readjusted size of US\$ 4153 million by 2032 with a CAGR of 5.0% during review period.

Fuel injection solenoid valves are the core actuation components of fuel injection systems. They are essentially normally closed solenoid valves consisting of a solenoid coil, a needle valve, and a return spring. When the engine control unit (ECU) issues a fuel injection command, the coil is energized, generating a magnetic field that lifts the needle valve, opening the orifice to allow high-pressure fuel to be sprayed out in atomized form. When de-energized, the needle valve quickly returns to its seat under the spring force, cutting off the fuel circuit. These components achieve precise control over injection timing and fuel quantity through millisecond-level fast response, making them critical parts for ensuring accurate air-fuel ratio, complete combustion, and compliant exhaust emissions. In 2025, the global market for fuel injection solenoid valves (including gasoline injector solenoids and common rail system solenoids) is valued at approximately USD 2,998 million, with annual sales of about 4.42 billion units. Over the next five years, the compound annual growth rate (CAGR) is expected to be 5.1%. The average unit price is approximately USD 0.678. Single-line production capacity ranges from 10 to 15 million units per year, and the industry's gross margin is typically around 24%.

This report is a detailed and comprehensive analysis for global Fuel Injector Solenoid market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that

contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Fuel Injector Solenoid market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Fuel Injector Solenoid market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Fuel Injector Solenoid market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Fuel Injector Solenoid market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2021-2026

The Primary Objectives in This Report Are:

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for Fuel Injector Solenoid
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global Fuel Injector Solenoid market based on the following parameters - company overview, sales quantity, revenue, 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, Børkert, EKK Eagle, Hamai Industries, etc.

This report also provides key insights about market drivers, restraints, opportunities,

new product launches or approvals.

Market Segmentation

Fuel Injector Solenoid market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Normally Closed (NC) Solenoid Valve

Normally Open (NO) Solenoid Valve

Market segment by Ambient Temperature Grade

-10~80°C

>80°C

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