

# **Europe Valve Actuator Market Forecast to 2031 - Regional Analysis - by End User (Mining, LNG, Chemical, Oil & Gas, Water & Wastewater, and Others) and Product Type (Electrical, Manual, Hydraulic, and Pneumatic)**

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## **Abstracts**

The Europe valve actuator market was valued at US\$ 3,241.74 million in 2023 and is expected to reach US\$ 4,775.06 million by 2031; it is estimated to register a CAGR of 5.0% from 2023 to 2031.

### **Development of Advanced Valve Actuators Drivers Europe Valve Actuator Market**

Recent developments in material science have produced strong, lightweight materials, enabling the creation of resilient, light, and mechanically strong actuators. Current developments in biotechnology, nanotechnology, and information technology will force the creation of new, smaller gadgets and machines that demand the use of strong forces. In addition, the rise of smart and data-driven urban environments demands technologies that go hand in hand with constantly changing environments. Therefore, many market players are engaged in innovating valve actuator technology to support the need for technologically advanced environments in various industries, such as food and beverages, oil & gas, power generation, automotive, and aerospace & defense.

- In December 2023, Flowserve Corporation—a provider of flow control products and services for the global infrastructure markets—announced the release of the new Limitorque QX Series B (QXb) quarter-turn smart electric actuator. This next-generation device builds on the proven state-of-the-art Limitorque MX actuator platform to provide all the user-preferred features in a quarter-turn, smart actuator package, and connectivity with the Flowserve Flowsync App. This product development can be used

in the oil & gas and wastewater industries to control the flow of oil and water.

- In July 2023, KSB SE & Co. KGaA launched a new generation of pneumatic 90° (quarter-turn) actuators. These double-acting and single-acting pneumatic actuators of the ACTAIR EVO and DYNACTAIR EVO type series can actuate all types of part-turn valves, including butterfly valves, ball valves, and plug valves.
- In January 2024, Emerson introduced the Fisher Easy-Drive 200R electric actuator for Fisher butterfly and ball valves. When paired with these valves, the new actuator performs accurately and reliably under the extreme conditions found in many heavy industries, particularly oil & gas installations in cold, remote locations. These actuator/valve assemblies increase uptime, improve performance, and reduce the risk of emissions posed by gas-operated systems locations.

Such innovative product developments support the need for valve actuators from various end-use industries, propelling the market growth.

## Europe Valve Actuator Market Overview

The Europe valve actuator market is segmented into Germany, France, Italy, the UK, Russia, and the Rest of Europe. The wastewater treatment plant and processing industries are prime contributors to the growth of the valve actuator market in Europe. According to the European Economic Area (EEA), wastewater collection and treatment infrastructure is improving across the region. Nearly 90% of urban wastewater generated in the European Union (EU) is collected and treated in accordance with the EU Wastewater Treatment Directive. Austria, Luxembourg, Germany, and the Netherlands are among the countries that treat 100% of their urban wastewater in adherence with the requirements specified under this Directive, whereas 10 additional countries have reached more than 90% compliance rate. Thus, the growing focus on wastewater treatment and the rising number of wastewater treatment plants create a significant demand for valves and valve actuators in Europe.

The Europe valve actuator market is segmented into Germany, France, Italy, the UK, Russia, and the Rest of Europe. According to the Water Information System for Europe (WISE), households and certain enterprises in 3,913 metropolitan areas in Germany produce 111.3 million potential equivalents (p.e.) of wastewater every day, which is equivalent to ~223 million bathtubs or 22.25 million m<sup>3</sup> wastewater. Urban wastewater must be treated before release to prevent damage to ecosystems. In Germany, municipal wastewater is processed in 3,796 plants before being discharged. Valve

actuators are used in wastewater treatment plants to control the flow of wastewater.

As LNG is perceived as a greener alternative to coal and oil, LNG production is growing across Europe. According to the RIA state news agency, Russia reported a year-on-year increase of 41% in the supply of liquefied natural gas (LNG) to France in the first nine months of 2023. Various LNG terminals have been established in the region. As per the Italian government, the newly created floating LNG terminal in the Tuscan port of Piombino began commercial operations by the end of May 2023. Venier also stated that the terminal had plans of supplying ~2 billion cubic meters of gas in 2023 and nearly 5 bcm the following year. Thus, the expanding LNG terminals in the region are likely to create demand for valve actuators as these actuators are used to control the flow and pressure of LNG.

## Europe Valve Actuator Market Revenue and Forecast to 2031 (US\$ Million)

### Europe Valve Actuator Market Segmentation

The Europe valve actuator market is categorized into end user, product type, and country.

Based on end user, the Europe valve actuator market is segmented into mining, LNG, chemical, oil & gas, water & wastewater, and others. The oil & gas segment held the largest market share in 2023.

In terms of product type, the Europe valve actuator market is categorized into electrical, manual, hydraulic, and pneumatic. The electrical segment held the largest market share in 2023.

By country, the Europe valve actuator market is segmented into Germany, France, the UK, Italy, Russia, and the Rest of Europe. Germany dominated the Europe valve actuator market share in 2023.

Emerson Electric Co; Schlumberger NV; Alfa Laval AB; Flowserve Corp; Crane Company; Rotork Plc; Valmet Oyj; KITZ Corp; IMI Plc; and Tolomatic, Inc. are some of the leading companies operating in the Europe valve actuator market.

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