

Valves Actuators and Positioners Market - Forecasts from 2020 to 2025

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Abstracts

The valves actuator and positioners market are projected to grow at a CAGR of 6.14% to reach US\$3.723 billion by 2025 from US\$2.604 billion in 2019. The growing demand for valve automation solutions to facilitate the seamless management of process industries is one of the prime factors that are contributing to the growth of valves actuator and positioners market during the forecast period. Additionally, it is important to note that due to the recent uptick in the adoption of automated solutions across various sectors, digital valve positioners are in great demand due to their functionalities such as diagnostics and predictive maintenance capability despite the fact they have introduced to the market a few years ago. Moreover, growing investments in manufacturing, chemical process as well as in the energy sector are poised to propel the growth of valves actuator and positioners market to stratospheric heights during the forecast period. For instance, as of June 2020, Egypt's cabinet reportedly approved 12 oil and gas exploration and production agreements that include local and international companies whereby exploration and production activities in the Western Desert, the Mediterranean, and the Red Sea will commence. Earlier in June 2019 the EuroChem Group one of the world leaders in global nitrogen, phosphate and potash fertilizers, production as well as that of certain mining and industrial products, reportedly invested that is headquartered in Zug, Switzerland, reportedly commenced the operation of its new ammonia production plant, EuroChem Northwest, with the largest single-train production capacity in Europe that is to the tune of 1 million tons per year, in Kingisepp, Russia.

Therefore, in view of such panoptic developments that translates to an increasing cognizance of the inseparable roles of actuator, positioners, and valves, it has resulted in various developments by the players in Valves Actuator and Positioners Market. For instance, as late as April 2020, the launch of the RTK® REact EQ-L electric intelligent

linear actuator for high-range force output was announced by a leading designer, manufacturer, and marketer of differentiated technology products and sub-systems for end-users that are inclusive of but not limited to defense and aerospace, CIRCOR International, Inc., (NYSE: CIR). These actuators are reportedly suitable for processes that require the supporting operations to be continuously operational like those of chemical, industrial, and power applications. This new actuator is also made available in corrosion-resistant variants that have been specifically developed for applications at offshore operations. Additionally, this product is ideal for applications that have opening/closing forces ranging from 15/3380 pound-force (lbf) to 30 kilo Newtons/6750 lbf. Again, during the same period, it was reported that pneumatic-digital smart positioners namely YT-3700 and YT-3750 were launched by Rotork (LSE: ROR), which is a market-leading provider of solutions pertaining to flow-control and instrumentation in mission-critical operations that are integral to chemical processes, industrial, oil and gas, power as well as water and wastewater applications. These two positioners are intended for control and on/off valve applications, where there is a need for diagnostics. The monitoring and graphic display of, internal circuit board temperature over time, set point-target over time as well as valve position are the salient features of these two products. Further, in April 2019, Siemens Corporation the U.S. subsidiary of Siemens AG (FWB: SIE) reportedly expanded its portfolio of positioners with two new products namely the Sipart PS100 and the Sipart PS2. The former is being marketed as a product that is highly robust and easy to commission with a touch of a button and is able to adjust itself with the valve that it is attached to, using a contactless technology facilitating a longer product life. The Sipart PS100 positioner comes with functionalities that can be set to different modes for open/close operation, precise and fast adjustment, a large easy-to-use display to enable the user to be abreast of the status of the device. On the other hand, the Sipart PS2 is made available with enhanced diagnostics functions that support plant digitalization. Further, during the same year in August, Senseg a finish company, which is leading innovator and provider of next-generation user experiences by employing a unique electrostatic approach to haptics and actuators, reported roll-to-roll manufactured actuators and announced the launch of Senseg ELFIAC™ which is a part of a family of roll-to-roll manufactured actuators to be employed in traditional flat actuator applications as well as newer applications such as that of interior integrated sensors, soft robotics, VR/AR devices, and wearables. Moreover, it has been reported that this product is less expensive to manufacture in comparison to the traditional actuators are made out of relatively less expensive and non-toxic materials. Earlier in 2018, during March, a new line of electric actuators, namely the 5618a series that features a variety of upgrades was reportedly launched by North Carolina, the USA based Valworx, Inc. a leading manufacturer and distributor of actuated valves and controls that specializing in air pressure control, fluid control as well

as pressure measurement. The intended use of these electric actuators is for actuating quarter-turn ball valves. Further, these actuators are made available in positioner models, whereby through the means of 4-20mA control signal or simple on/off models, the valve can be throttled. Later during the same year, in November, Metso Corporation (Nasdaq Helsinki: METSO) had announced the successful acquisition of the valve automation division of an Indian organization named Rotex Manufacturers and Engineers Private Limited (RMEPL) through the means of acquiring all of the shares in RMEBS Controls Private Limited (RMEBS). This acquisition reportedly complements the organization's actuation and valve automation offerings. This acquisition is also considered as an enabler of making a complete range of actuators available for all major valve markets and facilitating a broader offering of limit switches for various applications. Moreover, this acquisition has led to the introduction of new products to the organization's process valve portfolio for industries like mining, oil, and gas, pulp, and paper as well as water treatment.

Segmentation

By Type

Control

Isolation

By Actuator Type

Pneumatic

Hydraulic

Electric

Others

By Positioner Type

Pneumatic

Electro-pneumatic

By End User

Aerospace And Defense

Automobile

Oil and Gas

Mining

Water and Wastewater

Chemical

Energy and Power

Others

By Geography

North America

United States

Canada

Mexico

South America

Brazil

Argentina

Others

Europe

The United Kingdom

Germany

France

Italy

Others

The Middle East and Africa

Saudi Arabia

UAE

Others

Asia Pacific

Japan

China

India

Australia

Others

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- 11.18. SAMSON Controls Inc.
- 11.19. Velan Inc.
- 11.20. Yokogawa Electric Corporation

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