17th December 2019

**Electric, efficient, eSy – valves with new motorized eSy actuators**

**Ingelfingen-based valve specialist GEMÜ is further expanding its product range of motorized diaphragm, globe and diaphragm globe valves.**

For several years now, the processing industry has been increasingly looking for alternatives to pneumatic actuators. Electric valves are an option. These have particular appeal on account of their cost efficiency and performance. The reduced risk of contamination and the application in a wide variety of plants are also positives in favour of electrically operated valves. The valve manufacturer GEMÜ is responding to these customer requirements by further expanding its selection of motorized valves with the launch of the GEMÜ eSyLite, eSyStep and eSyDrive valves.

A low-cost plastic diaphragm valve for simple and cost-sensitive applications is available in the form of the GEMÜ R629 eSyLite. It constitutes a cost-effective alternative to solenoid valves made of plastic or motorized plastic ball valves.

The GEMÜ eSyStep valves are designed for standard open/close and simple control applications. With regard to the actuator, this is a compact spindle actuator with step motor. Via the interface in the housing cover, the valve can be extended with additional accessories such as diverse electrical position indicators or travel sensors to provide extra functions. GEMÜ eSyStep valves are available in globe valve, angle seat globe valve and diaphragm valve versions made of metal and plastic but adapting to M-block valves is also possible.

The GEMÜ eSyDrive valves are available for variable and complex open/close and control applications in conjunction with high requirements on performance and service life. The actuator is based on the hollow shaft principle. Both the Ethernet-based eSy-web interface, in conjunction with an integrated web server, and the Modbus-TCP communication interface, enable the exchange of parametrization and diagnostics data and the networking of several devices. If necessary, users can also benefit from a range of integrated functions such as stroke limiters and speed settings.

This provides customers with a wide product range of electric valves both for industrial processes and for applications with particularly high purity and hygiene requirements. With the different GEMÜ eSyLite, eSyStep and eSyDrive ranges, valve solutions are available for every price and function segment.

**Background information**

The GEMÜ Group develops and manufactures valves, measurement and control systems for liquids, vapours and gases. GEMÜ is a global market leader when it comes to solutions for sterile applications.

The globally focused, independent family-owned enterprise was founded in 1964. In 2011, Gert Müller took over as Managing Partner together with his cousin Stephan Müller, becoming the second generation to run the company.

The Group achieved a turnover of over €330 million in 2018 and currently employs over 1900 members of staff worldwide, over 1100 of whom are in Germany. They have six manufacturing locations: Germany, Switzerland and France, as well as China, Brazil and the USA. Their worldwide marketing is carried out across 27 subsidiaries, coordinated from Germany. Thanks to a large network of commercial partners, GEMÜ is now active in over 50 countries on all continents.

Please visit [www.gemu-group.com](http://www.gemu-group.com) for further information.