

## Media release

Schaffhausen

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# The Pneumatic Actuator and Positioner: GF Piping Systems adds further award-winning innovation to its process automation family

**The Red Dot Award-winning product design manufactured with recyclable composite materials and new sizing options builds further strength into GF's process automation family while significantly contributing to the corporation's sustainability goal of achieving 70% of sales with social and environmental benefits**

The innovative Pneumatic Actuator and Positioner offer a pneumatic valve pack with a lifetime as long as the entire piping system. Designed for multiple industries, including microelectronics, marine, and chemical processing, both innovations' highly chemical resistant material is ideal for use in applications that support hazardous media.

"As a one solution supplier, the flexible product variants enable an ideal combination for every process. says Sandra Schiller, Head of Global Product Management Industry at GF Piping Systems. "We continue to innovate with our products and solutions, as we aim for a portfolio of innovations with a sustainable lifecycle, and we're extremely proud our Pneumatic Actuator received the Red Dot Design Award."

The lightweight, non-corrosive, plastic Pneumatic Actuator type PPA, made from glass-fibre-reinforced polypropylene (PP-GF), offers optimal application fit and high chemical resistance covering the whole ball valve range from DN10/15 (½ ") to DN 100 (4 "). All possible valve and actuator combinations and the actuator passed significant testing under extreme environmental conditions to ensure a reliable torque performance on the ball valve.

The PPA is available in two versions: compact double-acting or a spring revolver principle offered fail-safe open or fail-safe-close. The spring technology adds application flexibility at the 4.2 bar standard range. A new feature is the integrated NAMUR interface for pilot valves, allowing decentralized supply and eliminating the need for special adapters. The Pneumatic Actuator achieves a minimum of 250'000 cycles and works smoothly even after long periods without operation.

The Positioner offers an optimized application range for GF linear stroke (DIASTAR) and rotary actuators (PPA & its predecessor PA) and the following functionality expansion options: on/off switch, display, PID controller, analog position feedback, LED feedback. The compact design of the positioner and plastic

adapter allows lower installation setup height. It is UL compliant. Both new products are now available in several sizes.

Learn more about the Pneumatic Actuator and Positioner: [www.gfps.com/ppa](http://www.gfps.com/ppa)

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## Pictures

 A 3D rendering of a ball valve with a pneumatic actuator and positioner. The valve body is black with orange handles on the sides. The actuator is black and orange, mounted on top of the valve. The background is dark with a pattern of white dots.	<p>Ball Valve, Pneumatic Actuator and Positioner</p> <p>Source: GF Piping Systems</p>
 A 3D rendering of a DIASTAR valve with a pneumatic actuator and positioner. The valve body is black with orange handles on the sides. The actuator is black and orange, mounted on top of the valve. The background is orange with a pattern of white dots.	<p>DIASTAR and Positioner</p> <p>Source: GF Piping Systems</p>

### About GF Piping Systems

GF Piping Systems is the leading flow solutions provider worldwide, who enables the safe and sustainable transport of fluids. The company specializes in plastic piping systems and system solutions plus services in all project phases. GF Piping Systems has its own sales companies in 31 countries, which means it is always by its customers' side. Our production sites in 36 locations in America, Europe, and Asia ensure sufficient availability and quick, reliable delivery. In 2020, GF Piping Systems generated sales of CHF 1'708 billion and employed 6'893 people. GF Piping Systems is a division of Georg Fischer AG, which was founded in 1802, and is headquartered in Schaffhausen, Switzerland.

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