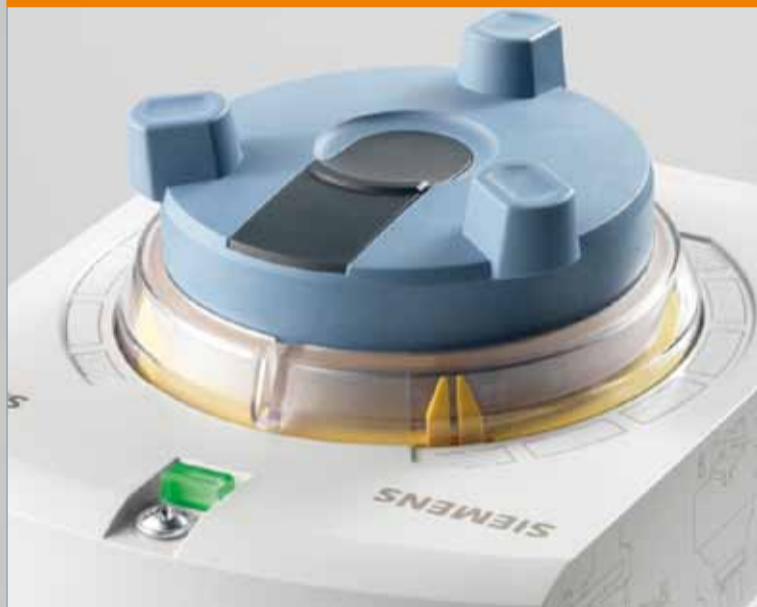


Valves and actuators of the new generation Acvatix: fast, simple, and safe from installation to maintenance

Answers for infrastructure.

SIEMENS

Multifunctional manual adjuster for fast and safe operation



Simple plant pressure test, hydraulic balancing, emergency operation or operation in the event of service: Turn the manual adjuster effortlessly by hand to let the valve travel over its full stroke with no need for using tools. The manual adjuster can be easily accessed, irrespective of the actuator's mounting position. Overload protection ensures that the actuator will not get damaged.

Valve travel and operating state at a glance



Due to the well-designed position indication around the manual adjuster, the valve's travel is easy to see, even from distance. The manual adjuster moves when the actuator operates in control mode, enabling you to check whether all actuators work correctly. The integrated LED in the cover indicates the actuator's operating state. This saves time in terms of commissioning and plant checks.

Auxiliary modules for exact positioning



Universal accessories for easy implementation of function extensions: Whether auxiliary switches or potentiometers – all auxiliary modules can be fitted to all types of actuators. Guide rails allow easy and exact positioning of the modules.

Extremely simple and safe assembly of valve and actuator



Only one working step is required to assemble the actuator and valve, secured by a single screw. The specially shaped fixing bracket ensures that connection to the valve stem can be made fast and reliably. And the same tool can be used for both working steps – either a hexagonal socket wrench or an open wrench.



Safe service without having to disconnect power



If you want to temporarily operate the actuator manually, e.g. during installation, simply press and turn the manual adjuster, driving the actuator to the required position. When the adjuster is released, the actuator returns to automatic operation. A slide switch is available to hold the actuator in the required position for the desired period of time.

Simple installation, operation, and maintenance



The new actuators are of uniform design and offer universal operation – whether stroke or rotary actuators, delivering force of 800 N or torque up to 40 Nm. Due to the universal design and ergonomic operating elements, you will become quickly familiar with the new generation of actuators.

Fast and error-free wiring



Fast and trouble-free connection of power and positioning signal: The large connection space allows you to connect the wires easily and securely. Push-in cage terminals enable the wires to be connected with no need for using tools and ensure reliable electrical connections in the event vibrations occur during operation.

Optimized valves up to 15% lighter



The new range of valves supports your work in two respects. The large-stroke valves for universal use simplify their selection and are now up to 15% lighter, thus reducing the load on your back.