

PERFECT GAS CONTROL WITH MATCHING VALVES

Wherever flames or plasma are controlled, it is necessary to be able to shut off, control or release gases quickly and safely. We offer you a wide range of product solutions to meet your specific demands.



Type 6011, 6013, 6027 direct-acting shut-off valves

Compact solenoid valves for secure and reliable shut-off of gases or liquids up to a 12 mm orifice.

- High degree of protection and external leak tightness
- Highly dynamic due to direct-acting plunger principle
- High-quality seat design guarantees a safe and long-lasting shut-off function with less leakage
- Suitable for fuel gases and oxygen



Type 0290, 5404, 6240, 6213 servo-assisted valves

Solenoid valves that utilise the power of the medium and thus remain very compact even with large orifices up to 50 mm.

- Types 0290 and 6213 open without the required differential pressure
- Types 5404 and 6240 are servo-assisted piston valves with lower power consumption
- High degree of protection and external leak tightness
- High seat tightness



Type 2871, 2873, 2875 solenoid proportional valves

Direct-acting proportional valves as control valves in process control loops. Thanks to their wide control range, they are particularly suited to complex control duties and use with gases.

- Outstanding repeatability
- Excellent sensitivity
- Orifices from DN 0.05 to 9.5 mm
- Excellent dynamics



Type 3280 and 3285 motor driven proportional valves

Stepper motor-controlled, direct-acting shut-off and control valves for dosing liquids and gases in closed and open control loops. The integrated electronics ensure the motor valves can be integrated easily into an existing system.

- Actuator is not wetted
- Low power consumption
- Various versions available: Shut-off valve, simple control valve without sensor equipment, position control valve and process control valve with sensor input

WHERE SYSTEMS TAKE SHAPE THE BÜRKERT SYSTEMHAUS

Bürkert has established an international engineering network that understands the challenges of your market and translates them into tailored system solutions based on concentrated competences. For you as a systems customer, Bürkert is not simply a developer of fluid technology, but also an expert in various other fields such as mechanical production, plastics technology and software development. This means that many areas of expertise are concentrated under one roof, resulting in valuable savings for you regarding time and money.

From the idea, development and initial testing, all the way to the production phase, the teams from various specialist departments work in an interdisciplinary way. They act autonomously in terms of technology to create your system solution. This way, cooperative partnerships produce solutions that exactly meet your requirements. Application experience gained over decades, combined with our comprehensive product range, forms the basis for innovative and customer-specific solutions. An existing platform hence serves as a basis for creating a customised solution quickly and efficiently – consequently reducing your time to market considerably.

For Bürkert, offering customer-specific answers means not only developing individualised systems, but also covering the associated production and logistics processes. This makes a Bürkert Systemhaus the ideal location to develop and produce tailor-made solutions efficiently and with a high level of creativity.

