

More Than the Sum of its Parts: Individual System Solutions by Bürkert.



From large scale bespoke projects to miniature OEM solutions, we can work together to determine the most effective solution for controlling the temperature in the mold. Depending on the number of cooling circuits and the water quality our design engineers configure the most effective solution based on a broad range of Bürkert sensors and valves.

Type 0330 solenoid valve

Direct-acting 2/2 or 3/2-way solenoid valve with a wide range of circuit functions. The magnetic system and the medium are separated by a diaphragm system. The valve is fast-acting and has a long service life, even in non-lube conditions and works also under vacuum conditions. It is the perfect valve for highly polluted cooling fluids or vacuum conveyor systems.



Type 8400 RTD sensor

In flow compact temperature sensor with or without display and remote alarm contacts. Exceptionally easy to use and boasting a large display, temperature indication, transmission and external set point changes at your finger tips.

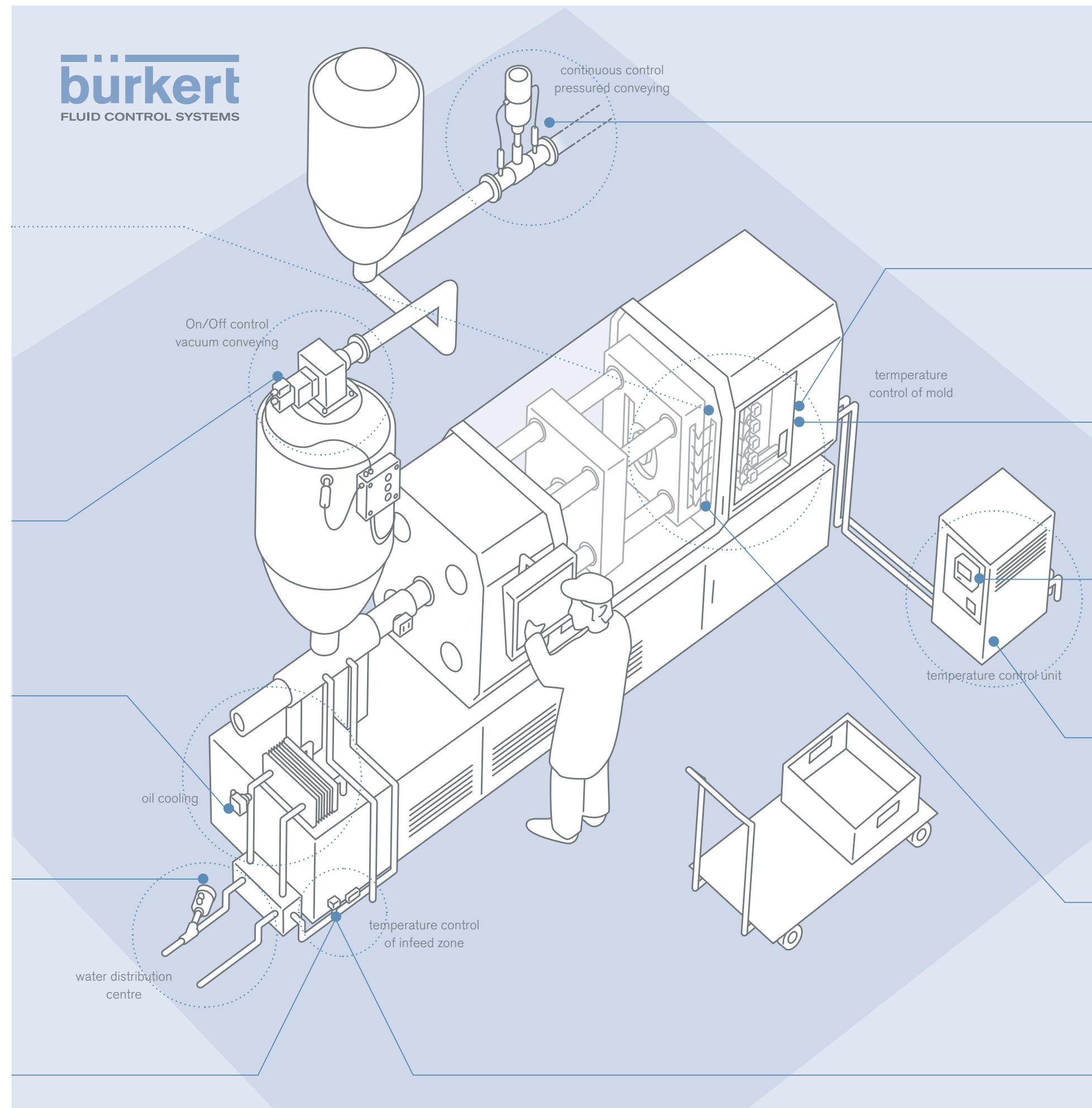
Type 2000/2100/2300

Reliable and maintenance-free pneumatically operated angle seat valve. Available within both gunmetal and SS ranging from DN 13 to 65. High flow rates, self adjusting packing and high sealing integrity make them perfect for cooling applications also in polluted cooling fluids. The valve is available for On/Off solutions as well as control valve for precise setting of the coolant flow.



Type 6213 servo assisted solenoid valve

Servo assisted 2/2-way solenoid valve allows partial opening of the diaphragm with 0 psi. Perfect for standard potable water applications. Brass or SS body with sizes ranging from DN 10 to 50 and 0 -145 psi (0 -10 bar).



Type 8750 flow controller

Flow controller serves to measure and control volumetric flow rate on the differential pressure principle. Typical applications are air flow control systems for the pneumatic conveying of granular materials (grain, powder, etc.).



Type 8011/8012 flow sensor

Paddle-wheel flow sensor for conomic integration in pipe systems without any additional piping or for integrating into customized manifolds. Measuring principle: optic or magnetic with 4-20mA or frequency output.



Type 2835 solenoid control valve

Direct-acting proportional valve can be used as a control valve for process control and is suitable for technical vacuum. Low hysteresis, high repeatability and high sensitivity ensure superior regulation behavior.



Type 8611 controller

PI-Controller especially designed for compact control system applications. It is compatible with a wide range of solenoid control valves, process control valves and motor driven actuators.



Type 6013 solenoid valve

Direct-acting 2/2 or 3/2-way solenoid valve in modular design for general purpose as well as vacuum applications. This high-quality and small valve makes it perfect for highly integrated systems.



Type 2000 compact

Highly compact angle seat valve in stainless steel design for high temperature applications with orifice size DN10.



Type 5282 servo assisted solenoid valve

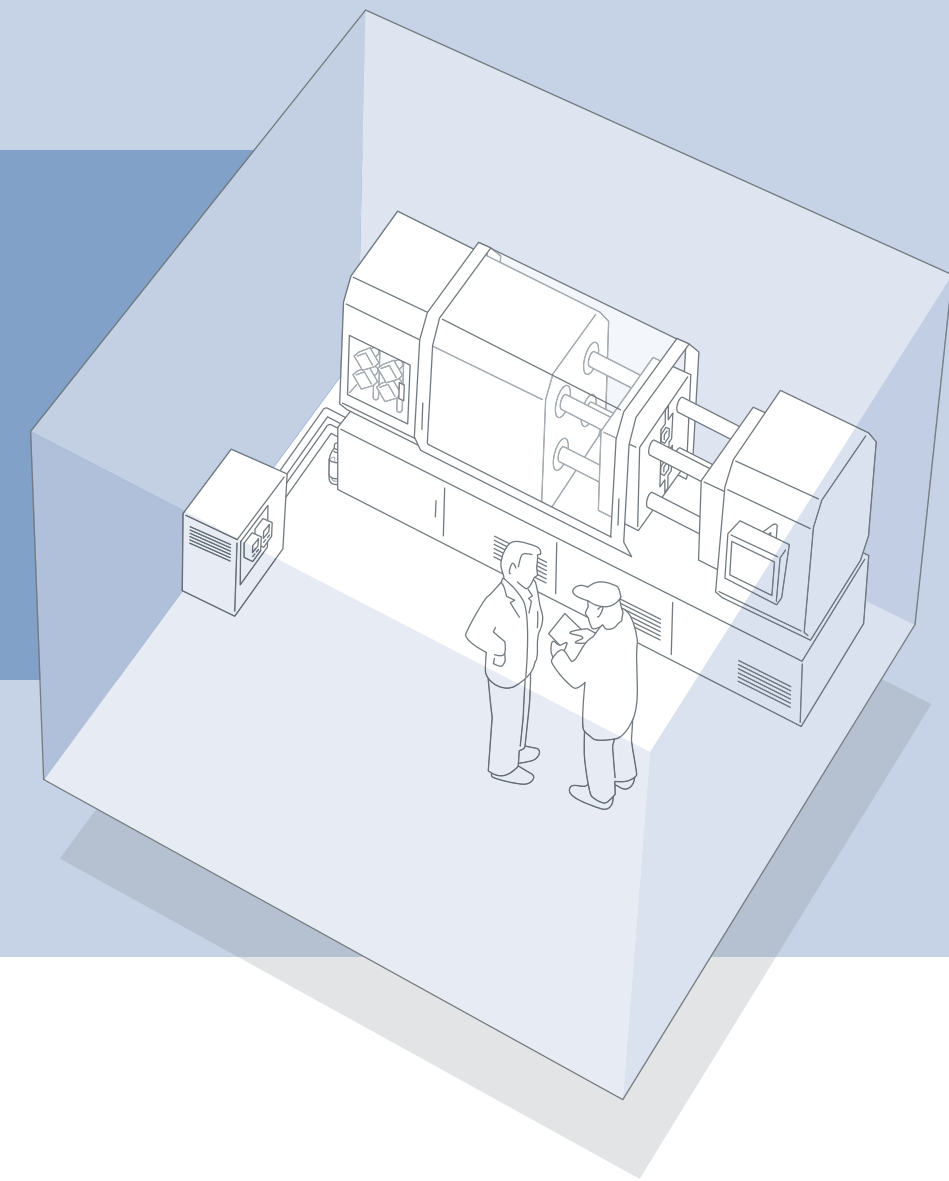
Long service life is assured with separating diaphragm which isolates solenoid from operating fluid. Lockable manual override. Servo assisted brass valve design. Less sensitive to slightly contaminated fluids.





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Cooling: Smart Products and Systems for Injection Molding



bürkert
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Bürkert provides groundbreaking cooling system solutions for your injection molding cycle, helping you to enhance work piece quality, speed up your production lines while still saving precious energy. Modern injection molding parts are more complex than ever and demand high standards regarding surface finishing and warping. This is where Bürkert can add value and offer you solutions tailored to your world.

With over 60 years of expertise in the cooling industry, Bürkert is the best partner of choice to enhance your efficiency.