

# Cooling Systems



## Bürkert Fluid Control Systems

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**bürkert**  
FLUID CONTROL SYSTEMS

# Cooling Systems

## Compact, Modular and Reliable

### Customized System Solutions

System solutions at Bürkert are based on a long history of experience in customized fluid control equipment. These highly engineered solutions are the result of years of field tested components which are proven and tested in other industrial applications guaranteeing a high degree of reliability and performance.

For our customers this means sophisticated solutions in sizing of the fluidic module in the given installation space. This results in better functionality and a better price-performance ratio.

Bürkert delivers optimized solutions from the single component to the customized fluidic manifold encompassing multiple valve and instrumentation points.

Bürkert's level of competence extends to over 35 countries and more than 60 years of experience in the industrial cooling water market.

Bürkert offers a wide range of intelligent system solutions to include the following applications:

- Cooling of injection molding or die casting process
- Cooling of extrusion lines
- Cooling of CNC-machine tools
- Cooling of printing rolls
- Heat exchanger control
- Cooling of welding robots
- Laser cooling
- Laser welding
- Cabinet cooling



### \*\*Flow Control

Modular concept of paddle wheel sensors for flow metering in industrial and OEM applications up to 160°C.

Type 8012, SE12, 8032

### Pressure Control

Pressure sensors and controllers for industrial and OEM applications with analog and digital output.

Type 8314, 8311

### Temperature Control

Temperature sensors and controllers for industrial and OEM applications with analog and digital output.

Type 8417, 8400, ST20

### Industrial Controllers

Continuous and ON/OFF control of flow, temperature and pressure control loops.

Type 8611, 0911



### Solenoid Valves

Direct acting and piloted valves for neutral and aggressive fluids.

Type 0256, 6027, 6213

### Solenoid Proportional Valves

Control valves with outstanding technology for highest resolutions.

Type 2824, 2833, 2835

### Process Valves

Process valves with pneumatic actuator or manually driven.

Type 2000M, 2000

### Process Control Valves

Pneumatic driven control valves for continuous control. Body in brass, stainless steel or plastic.

Type 2712 + 8630, 2712