

# Hygienic Processing



## Burkert Fluid Control Systems

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**burkert**  
FLUID CONTROL SYSTEMS

# Hygienic Processing

Clear, Clean, Experienced

Throughout the world, Bürkert is synonymous with competence in Fluid Control Systems. Whether the requirement is a standard component system solution or something to satisfy unique requirements, Bürkert is the way to go. After all, that's why we are known as "The smart choice in Fluid Control Systems".

We are aware of the importance of delivering compliant Fluid Control Systems and products for use within the Hygienic Processing industry. Standards such as ISO, DIN and ASME BPE as well as recognized regulatory bodies like the FDA and EHEDG provide the platform on which we confidently meet appropriate certification requirements. Combining this understanding with our application and process knowledge and a wide choice of solutions means that choosing Bürkert will guarantee efficiency and optimized process performance whilst maintaining the necessary compliance and approval levels.

Our target markets are:

- Food & Beverage
- Fermentation
- Chromatography
- Cosmetics
- Pharmaceuticals
- Filling Batching
- Heat Exchange



### FREELINE

Our off-road process actuation center combines field bus, I/O and pilot valves for deployment in your wettest process environments. Unlimited modularity saves you space and the expense of protective cabinets.



### Modular Process Valve System

Pioneering innovation has created a remarkable range of attractive and efficient valve and control modules, which can be combined to give you the best possible match for media from slurries to steam and from de-ionized water to hydrochloric acid.



### Analytical Transmitters

Bürkert has integrated control attributes into pH, redox and conductivity transmitters. They conform to industry standards and are simple to use and calibrate. New enamel technology allows us to apply pH where it was never deployed in the past and our conductivity measuring devices excel in your CIP environment.



### Diaphragm Technologies

Compact and intelligent unique multi-way/multiport valves save you valuable plant space, offer peace of mind from dead legs, cross-contamination and validation of unnecessary welds while providing higher process efficiencies and higher yields.



### Level Transmitters

Versatile level instruments, from two-wire loop powered radar and guided microwave gauges to effective point level switches are reliable and accurate. These solutions save you time with uncomplicated set up and faster commissioning.



### Flow Transmitters

Our wide range of instruments and technologies includes sanitary design in accordance with 3A standards, spectacular high frequency batch control, simple PID flow control loops, selection from many quality certified materials, USB configuration and good looks.