

# Hygienic Processing and Steam: Soft Drinks Process Control



**bürkert**  
FLUID CONTROL SYSTEMS

**Bürkert Fluid Control Systems**

Brimscombe Port Business Park  
Brimscombe  
STROUD  
GL5 2QQ  
United Kingdom

Tel: +44 (0)1453 731353  
Fax: +44 (0)1453 731343

[sales.uk@burkert.com](mailto:sales.uk@burkert.com)  
[www.burkert.co.uk](http://www.burkert.co.uk)

# Soft Drinks Process Control

Clear, Clean, Experienced

## Experienced in Soft Drinks

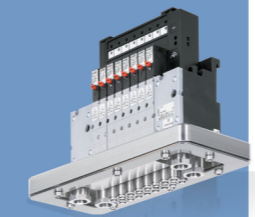
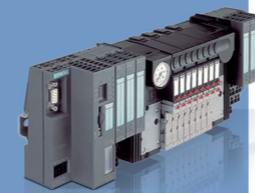
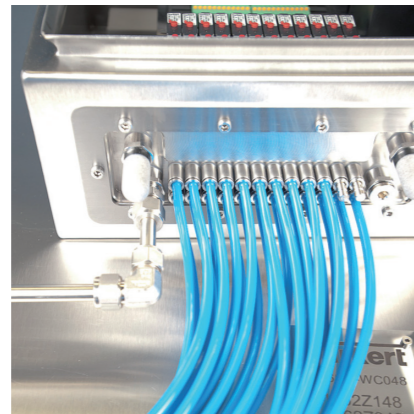
An otherwise unattainable synergy of hardworking valve elements, process actuation, sensors and networked communication provide a true single source for remarkably attractive systems.

Bürkert is your partner in soft drink control. We speak the language of soft drink production and we have valuable experience in soft drinks applications, at OEM, contractor and plant levels.

We collaborate with you in the real physics of batching, cleaning, water handling, filling, heating and cooling. We can share our experience in complete control loops for flow, conductivity, pH, temperature, pressure or level and can help you determine the most effective communications architecture.

Everyone in our organisation is interested in listening to you with the aim of presenting you with only the most appropriate solution, fluently in your daily application language.

In the soft drink world where compactness, smart communication, plant footprint, accuracy and reliability are everyday concerns, we provide process efficiency and higher yields by offering you unlimited process modularity.



### AirLINE

Our process actuation and control system integrates high performance solenoid pilot valves, remote electronic I/O and fieldbus communication. It is compact, extremely flexible and modular.

### AirLINE Quick

The diverse areas of application for the Type 8640 valve terminal and the Type 8644 automation system are expanded by the AirLINE Quick system with a stainless steel adapter plate and stainless steel push-in connectors for hygienic applications. Installation and commissioning are reduced to a minimum.

### Modular Diaphragm Valve System

Pioneering innovation has created a remarkable range of attractive and efficient diaphragm on/off and control valve modules, available with all major process connections. All of which can be combined to give you the best possible match for both the media and the application.

### Modular Seat Valve System

Modular seat valve system designed especially for gas and liquid media typically found in the soft drinks industry. With advanced on/off and modulating control features, de-centralised automation and fieldbus communications systems. High life cycles are built in standards from Bürkert, to ensure maximum production availability.



### Full Bore Magflowmeters

For low to high-flow continuous measurement or batch control. The Type 8051 controls high precision dosing and filling when combined with a valve as its actuating element.



### Radar Level Transmitters

Our non-contact radar level transmitter for continuous level measurement is particularly suitable for use in vessels that contain beverage liquids under sanitary process conditions.



### Analytical Transmitters

Bürkert has integrated sophisticated, simple-to-use controls into its pH and conductivity transmitters. These have event logging and industry standard conformance. Perfect for hygienic processes and your CIP environment, the new sensor designs have glass-free enamel technology, FDA approved materials and high surface finishes.



### Universal Hygienic Control Head

A new range of control heads for the de-centralised pneumatic automation of butterfly, ball, and mix-proof valves. With the appropriate IP class and chemical resistance combined with smooth external lines. The perfect choice for your environment.