Clean steam encompasses a wide spectrum of purity standards from culinary grade in food, beverage and dairy, to pure pyrogen-free steam for the life science industries. The production and distribution of pure water and clean steam demand exceptionally high standards both in regard to the product and documentation. Bürkert has built up an indepth understanding of regulatory requirements and our experience is available to you. Our dedication to innovation means we understand your process. With over 60 years of expertise in the steam industry, Bürkert is the best partner of choice for your industrial needs.

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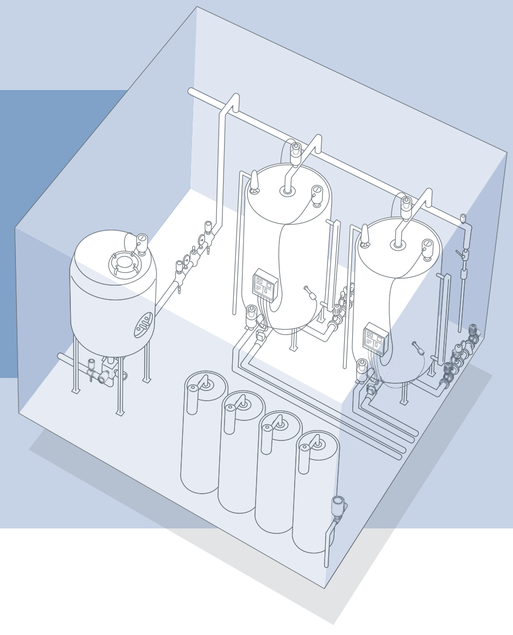
# Steam: Smart Products and Systems for Clean Steam



bürkert
FLUID CONTROL SYSTEMS

# Committed Individuals to a Group Effort: Complete Systems from Bürkert

From large scale bespoke projects, to miniature OEM solutions, we can work together to determine the most effective clean steam control and measurement solution. The pictured Bürkert system replaced a complex assembly of valves and pipework, saving valuable installation time and footprint space, whilst reducing fittings, seals, pipework and potential leak paths. Our design engineers combined our ultra-flexible compact stainless steel actuator, with a custom stainless steel block with space efficient internal galleries.

## Type 8111

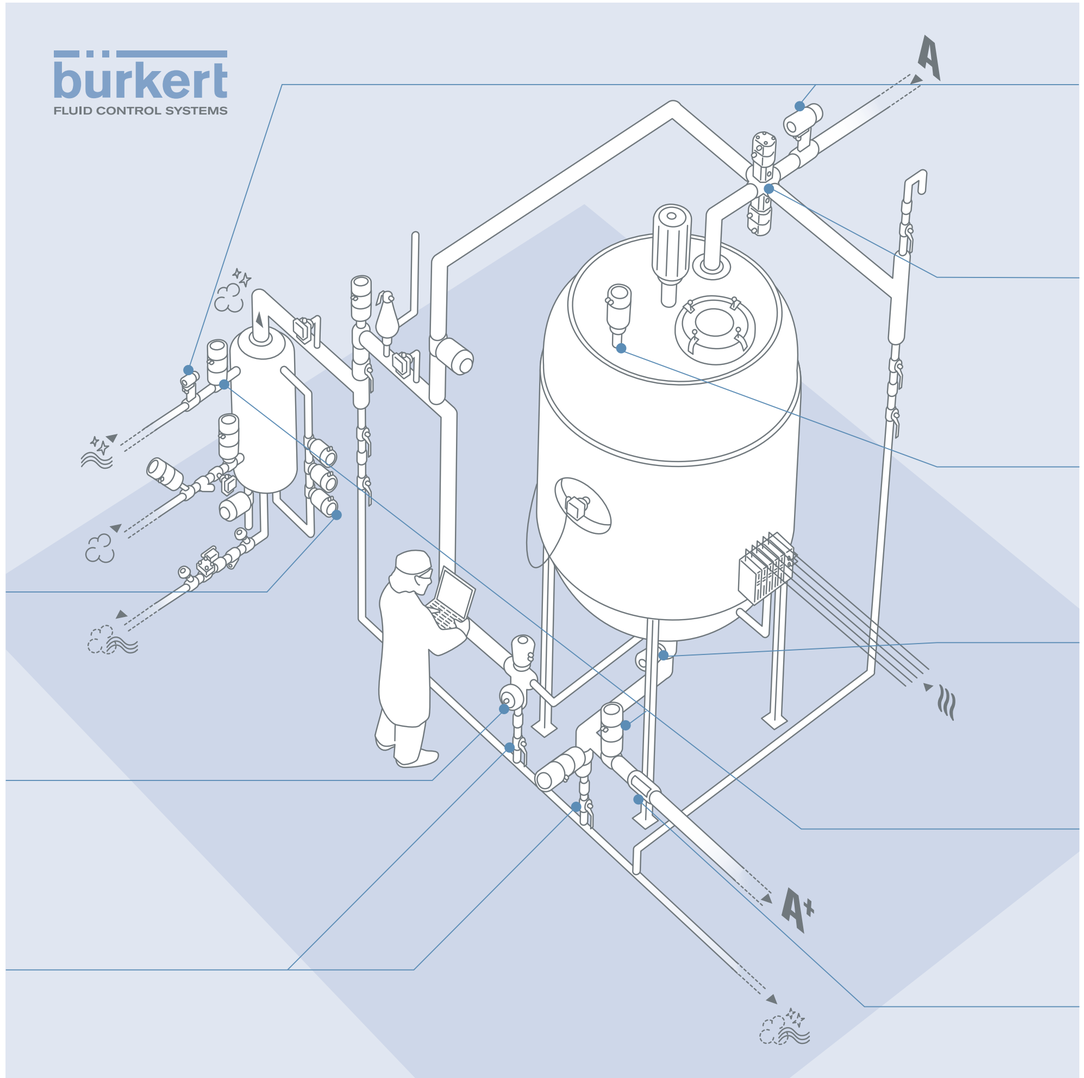
Robust and easy to set up, vibrating level switch for process crucial, overfill and dry run protection systems. Comprising a stainless steel 316L tuning fork with superior surface finish, vitually uneffected by the chemical and physical atributes of the media.

## Type 2034

Welded valve combination for the control of ultra pure and sterile fluids, including sterile access port (SAP) and good manufacturing practice (GMP) designs. Valve configurations are fully flexible to meet application requirements, including orientation, materials, connections and surface finish.

## Type BBS-27

Cavity filled and fully traceable, high performance ball valve, complete with manual and pneumatic operators. Machined as standard in 316L stainless steel and PTFE gaskets to ASME BPE with a choice of exotic body materials, surface finishes, gaskets and aseptic/sterile connections. Clean steam and SIP/CIP suitable.




## Type 8056

Full bore sanitary magflow meter with blind, local and remote display options. Combined with a suitable valve as the actuating element, you can control batching of sterile medias, with high accuracy flow measurement, to ensure a safe and precise delivery.

## Type 2035

Multi-way, multi-port and multi-actuator diaphragm valve system, controlling ultra-pure, sterile, aseptic and SIP/CIP fluid paths, including sterile barrier applications. Our unique design places two seats under one diaphragm, eliminating dead legs and minimizing flow system volumes.

## Type 8138

Compact, non-contact radar level transmitter designed for sanitary conditions with an encapsulated antenna to protect against highly ionized water. The front flush antenna allows optimal CIP and SIP cleaning, combining excellent cleaning results with high precision level measurement.

## Type 2033

Tank bottom valve, consisting of a machined, high quality stainless steel block with no weld seams and a selection of high quality diaphragms for hermetic separation. Optimized filling and empting of vessels, in the most challenging ultra-pure and sterile environments.

## Type 2103 & Type 8691

Forged stainless steel, pneumatically operated diaphragm valve, benefiting from a flow optimized, zero dead volume body. Combined with the high quality 8691 control head, with a clean, modern, stainless steel design, offering high levels of environmental protection and superior chemical resistance.

## Type BBS-3F

Sterile inline sight glass designed to be crevice and bacteria trap free, to meet the exacting demands of bio-tech and pharma applications. Offering full visual observation of the product flow, combined with an exceptional clean design, suitable for CIP and SIP.