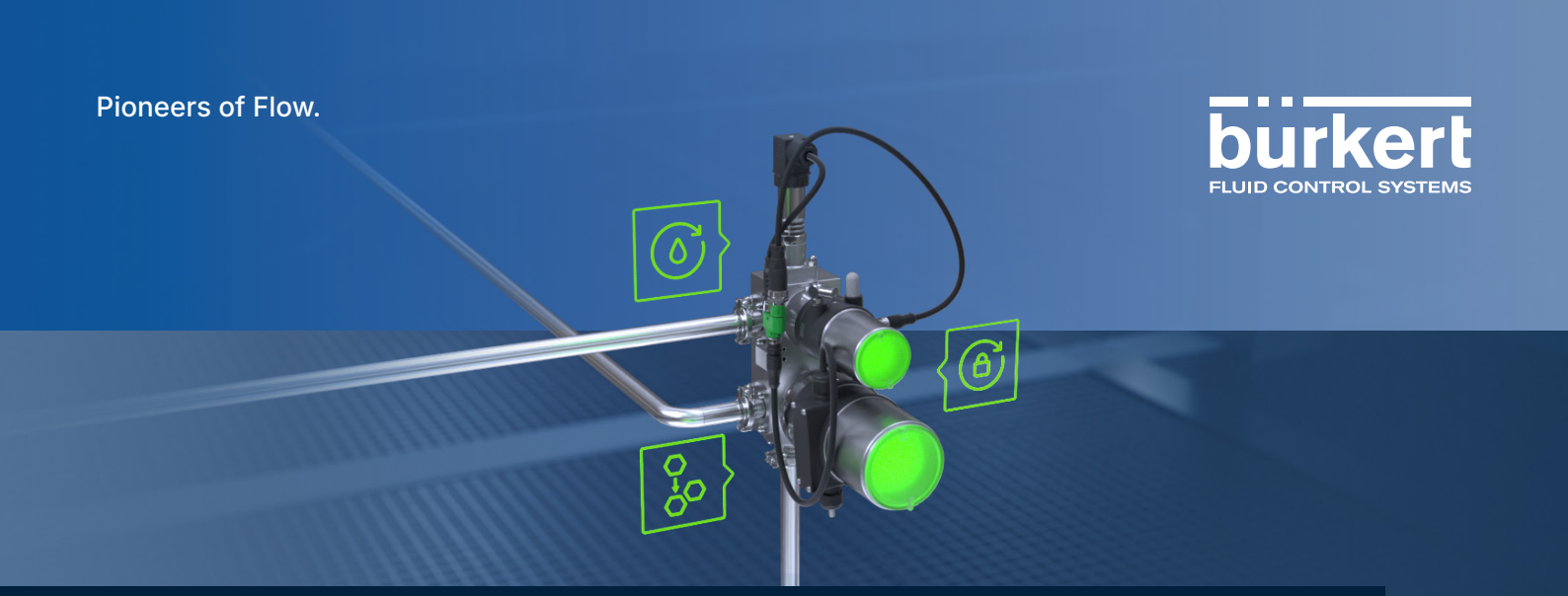
Pioneers of Flow.

bürkert
FLUID CONTROL SYSTEMS



Modular vessel pressure controller **Type 8880**

Fast. Hygienic. Modular.

Continuous pressure control for modern tanks.

Bürkert is the sales partner you need when it comes to fluid process automation and digitisation. Our portfolio ranges from field devices such as process valves and sensors to integrated solutions for the pharmaceutical and food industries.

Modular system solutions for the pharmaceutical and biotech sectors, the food and drink industry, new food products, OEMs, and tank manufacturers

- Fast and precise pressure control for high repeatability and process reliability
- Easy integration/retrofitting for new or existing applications
- Durable and hygienic – meeting the highest standards of hygiene
- A range of variants available for different hygiene requirements (self-draining, CIP and SIP-capable, electropolished surface, FDA, dead space reduced, USP Class VI).

Your advantages

Faster response: The design enables a rapid response to differential pressure control in the process.

Longer service life with lower maintenance and repair costs: All versions require very little maintenance, whereas conventional proportional valves often need to be replaced.

Easy installation or retrofitting in new or existing systems: Compact, modular, easy to order and quick to integrate into new or existing systems.

Customisable, modular solution: Standardised components can be configured to create a bespoke solution that is precisely tailored to the requirements of the application and its media use.

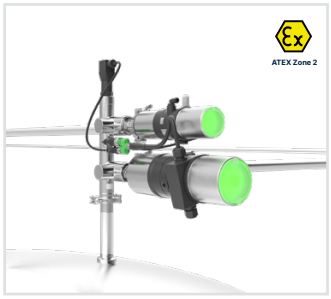
Pioneers of Flow.

Consistent and reproducible pressure control for closed processes

Our solution is versatile. Thanks to modular configurations designed to meet specific requirements, the Type 8880 vessel pressure controller can be used in both new and existing applications. While the basic concept is always the same, there is a flexible range of options available to suit your exact needs – whether they involve inline or tank installation – so you can adapt everything to your hygiene requirements and the design of your system.

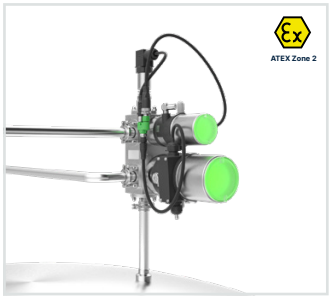
Solenoid valve solution (8880-PS)

- ✓ Quick attachment via clamp connection
- ✓ Direct installation on new or existing vessels



Welding solution (8880-PW)

- ✓ For attachment to the tank via the tank nozzle
- ✓ For processes with stricter pressure and temperature requirements



Block solution (8880-PB)

- ✓ For attachment to the tank via the tank nozzle
- ✓ For aseptic processes with strict cleanability and material quality requirements

Tank Top solution (8880-PT)

- ✓ For direct integration into the vessel cover
- ✓ For aseptic processes with extremely strict cleanability and material quality requirements

Application example

WEIGHTPACK – industrial packaging machine

- Direct nitrogen gas injection during filling
- Gas dosing specified in the production recipe
- Safe, low-maintenance nitrogen gas storage
- Effective oxygen reduction
- Shelf life of fatty oils significantly extended

For more information, visit the WEIGHTPACK website.

Configure a system that suits your needs – click here to access the **Product Enquiry Form** (PEF).

Our **product page** for the Type 8880 vessel pressure controller contains product variants and configurations to suit your process requirements.

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