

SAMPLING VALVE PROOF

Enhancing Product Quality in Food & Beverage Manufacturing

For food & beverage manufacturers, sample valves are a valuable component for taking product samples during production without interrupting or contaminating the product batch. They are key to quality control, facilitating regular testing to meet strict quality standards.

When choosing a sampling valve, an aseptic design is paramount in helping companies adhere to hygiene regulations, mitigate bacterial growth, and aid product quality.



Pentair SÜDMO Sampling Valve Proof

Designed with the needs of the food & beverage industry in mind, the Pentair SÜDMO Sampling Valve Proof has an aseptic design, offering optimal cleanability and surface quality.

The valves' sealing concept is adaptable, accommodating various products, process conditions, and cleaning agents. Additionally, the interchangeable actuators provide flexibility and cost-efficiency for diverse applications.

Benefits

- Application flexibility and cost-effectiveness: Interchangeable actuators and sealing.
- Facilitates hygienic processes: Aseptic design for optimal cleanability.
- Durable design: Made from 100% stainless steel.
- Extend the service life of valves: Ability to change the seal/actuator for the appropriate application.
- Straightforward sealing maintenance: No special tools are needed with a clip-in design.

Features

- Interchangeable actuators: Manual, Pneumatic, and combined Manual-Pneumatic.
- Interchangeable sealing options: EPDM, FKM, PTFE.
- Surface quality of $Ra \leq 0,51 \mu m$ in standard.
- Single or double outlet ports.

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Industrial Applications

Beverage

- Beer
- Spirits
- Wine
- Soft drinks
- Iced tea
- Fruit juices
- Water

Dairy & Food

- Cheese
- Yogurt
- Milk
- Whey products
- Soups
- Vegetables purees
- Pet food

Pharmaceutical

- Various applications

Cosmetic

- Various applications

Technical Data

Valve size and connection:

- Process connection: weld DN 10 & DN 25, tank weld, inline size I and II, threaded 3/8 & 1/2, others on request.
- Outlet connections: weld DN 10 & 0,5", W9, hose connection, threaded 3/8 & 1/2, others on request.

Material product wetted area: 1.4404 (AISI 316L)

Operating pressure: 10 bar EPDM/FKM, 6 bar PTFE

Product wetted surface: $Ra \leq 0,51 \mu m$

Product wetted seals: EPDM, FKM, PTFE

Let's work together to secure a sustainable future for both you and our environment. Insist on Pentair.

Find out more at foodandbeverage.pentair.com



Pentair Südmo GmbH | Industriestrasse 7 | 73469 Riesbürg | Germany | foodandbeverage.pentair.com

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