

# GEMÜ®

## **Aseptic and precise: GEMÜ 567 BioStar® control**

*The safe solution for media control  
from 0.08 to 4.1 m<sup>3</sup>/h*

### **Scope of application**

#### **GEMÜ 567 BioStar® control**

- *Pharmaceutical, biotechnology and cosmetics industries*
- *Food and beverage industries*

### **Advantages**

- *Proven, reliable actuator design (manual or pneumatic)*
- *Hermetic separation of the actuator from the medium flow using a PTFE sealing diaphragm*
- *Easy to clean (EHEDG certification)*
- *Control of small quantities*



**GEMÜ**  
Innovations



[www.gemu-group.com](http://www.gemu-group.com)

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## GEMÜ 567 BioStar® control

### ● Valve design

The 2/2-way control valve GEMÜ 567 comes with a regulating needle or a regulating cone. The valve spindle is sealed by an FDA compliant PTFE diaphragm based on the PD design. A manual and a pneumatic version of the valve is available.

### ● Technical data

- **Nominal sizes:**  
DN 8 to 20 \*
- **Connections:**  
Butt weld spigots, clamps,  
other connections available on request
- **Body materials:**  
Stainless steel 1.4435 (block material),  
other materials on request
- **Surface finish:**  
Standard valve body  
Ra 0.4 µm
- **Seal materials:**  
PTFE (spindle seal),  
FKM (seat)
- **Operating temperature:**  
-10 to 100 °C\*
- **Operating pressure:**  
0 to 10 bar \*
- **Approvals:**  
FDA, USP Class VI,  
EHEDG, ATEX on request

\* depending on version and/or operating parameters

### ● Applications

- Control of sterile steam and air
- Feed and discharge control in bioreactors
- Dosing of liquids and gases in the food and beverage industries

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**Proven**  
Reliable  
actuator design

**Controllable**  
Kv range  
0.08 - 4.1 m³/h

**Resistant**  
Spindle seal  
made from PTFE

**Aseptic**  
Sterilisation temperature  
max. 160 °C

**Universal**  
Wide range of  
connections available

**Precise**  
Linear or equal-  
percentage control  
characteristic options

