



## GUTH VENTILE Pneumatic actuated control valve Series: VSR 5182 Stainless steel 316L Process connection: Butt weld EN 10357 series A



### Characteristics

**Series:** VSR 5182  
**Function:** 2-way valve  
**Housing material:** Stainless steel 316L [1.4404]  
**Internal roughness value:** Ra ≤ 0.8 µm  
**Process connection:** Butt weld  
**Standard connection:** EN 10357 series A  
**Ground characteristic:** Equal percentage  
**Plug:** Parabolic cone K1  
**Seat material:** Stainless steel 316L [1.4404]  
**Primary spindle seal material:** EPDM  
**Type of actuator:** Pneumatic  
**Function actuator:** Spring closing  
**Positioner:** Topcontrol Digipos  
**Control signal:** 4 - 20 mA  
**Level of protection (IP value):** IP67  
**Medium temperature:** 1 / 90 °C  
**Ambient temperature:** 4 / 45 °C

### Application

- Food products.
- Dairy.
- Milk.
- Beer.
- CIP.
- Fruit juice.
- Water.
- Sauces.
- Oils.
- Recommended in: Food & Beverages, Food primary processes [contact with food]

### Technical Information

- Hygienic model with spindle seal EPDM O-rings.
- Aseptic model with EPDM/TFM separation membrane up to maximum DN50 and maximum pressure 6 bar.
- Sterilisation temperature with EPDM seal 140 °C [SIP 30 min].
- Leakage class metal-sealed EN 1349/IEC 60534-4 class IV.
- Including positioner Digipos.
- Control signal 4 - 20 mA, 4-wire, 24V DC.
- Pilot supply 5.5 to 6.0 bar.
- Welding connection EN 10357 Series A for pipe DIN 11850 Series 2.

### Approval

- EC1935/2004 certification on the seals.
- FDA admission on the seals.

### Options

- Pneumatic actuation single-acting spring-opening.
- Comprehensive control and signalling options.
- Positioner according to specifications.
- Assembly according to Namur.
- Seals HNBR FDA, CIP temperature 120 °C [30 min].
- Leakage class EN 60534-4 class VI with soft seal.
- Multi-stage control for cavitation prevention.
- 3.1 Certificate.

### Versions:

- Straight valve model.
- T version.
- Multidirectional mixing or distribution version.

### Process connections:

- Weld connection Inch size.
- Threaded connection DIN 11851 or DIN 11864-2.
- Connection with Clamp DIN 11853-3 or DIN 11864-3.

Description	Article
Pneumatic actuated aseptic control valve Series: VSR 5182 2-Way Right-angled	14684234
Pneumatic actuated hygienic control valve Series: VSR 5182 2-Way Right-angled	14684135

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