



## ADCAPURE Pneumatic actuated control valve Type: 25691 Series: V926H Stainless steel Tri-clamp EN (DIN) PN16

### Characteristics

**Series:** V926H  
**Type:** 25691  
**Function:** Hygienic control valve  
**Construction type:** Angle pattern  
**Housing material:** Stainless steel 316L  
**Material quality:** 1.4404  
**Internal roughness value:**  $\leq 0.51 \mu\text{m Ra} - \text{SF1}$   
**External roughness value:**  $\leq 0.76 \mu\text{m Ra} - \text{SF3}$   
**Process connection:** Tri-clamp  
**Standard connection:** ASME-BPE  
**Ground characteristic:** Equal percentage  
**Plug:** Parabolic cone  
**Control range:** 50:1  
**Leakage class:** IV according IEC 60534-4  
**Stem seal type:** O-ring  
**Material bonnet:** Stainless steel 316L [1.4404]  
**Material cone:** Stainless steel 316L [1.4404]  
**Seat material:** Stainless steel 316L [1.4404]  
**Spindle material:** Stainless steel 316L [1.4404]  
**Primary spindle seal material:** EPDM  
**Bonnet gasket material:** EPDM  
**Type of actuator:** Pneumatic  
**Function actuator:** Spring closing  
**Positioner:** PI991-SS  
**Control signal:** 4 - 20 mA  
**Explosion-proof:** No  
**Level of protection (IP value):** IP66  
**With end contacts:** No  
**Position indicator:** Yes  
**Manual operation:** No  
**Medium temperature:** -10 / 170 °C  
**Ambient temperature:** -10 / 80 °C

### Application

- Pharmaceutical, biotech, semiconductor, cosmetics, fine chemicals, food and beverage industries.
- Clean gases and liquids such as:
- Clean steam.
- Air.
- Nitrogen.
- WFI (Water for Injection)
- Recommended in: Food & Beverages, Pharma

### Technical Information

- Horizontal installation with vertical inlet.
- Easy maintenance and cleaning due to clamp connection between body and bonnet.
- Cavity free and self drainable design.
- Standard with complete stainless steel actuator and positioner PI991-SS.
- Assembly and packing in cleanroom.

### Approval

- PED 2014/68/EU fluid group 2 - Classification PED-SEP.

### Options

- Pneumatic actuator in coated standard steel.
- Standard positioner.
- A-septic version series V926A with separation diaphragm.
- Connection with weld end.

| Size process connection | Pressure rating | Pressure rating flange | Kvs value<br>m³/h | Stroke<br>mm | Type coding actuator | Diaphragm area<br>cm² | Spring range  | Closing pressure<br>bar | With feedback signal | Article  |
|-------------------------|-----------------|------------------------|-------------------|--------------|----------------------|-----------------------|---------------|-------------------------|----------------------|----------|
| 1/2"                    | PN16            | PN16                   | 2                 | 15           | PA10-SS              | 100                   | 1.0 - 2.0 bar | 13                      | No                   | 14537309 |
| 1"                      | PN16            | PN16                   | 6.3               | 15           | PA10-SS              | 100                   | 1.0 - 2.0 bar | 13                      | No                   | 14537295 |
| 3/4"                    | PN16            | PN16                   | 4                 | 15           | PA10-SS              | 100                   | 1.0 - 2.0 bar | 13                      | No                   | 14537308 |

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