

**Pinch valve**  
**VZQH-2H-6-S5S5-V4V4S1PM-2**  
 Part number: 8187049

**FESTO**



## Data sheet

| Feature                  | Value                                              |
|--------------------------|----------------------------------------------------|
| Design                   | Pinch valve                                        |
| Type of actuation        | Manual                                             |
| Sealing principle        | Soft                                               |
| Mounting position        | optional                                           |
| Type of mounting         | In-line installation                               |
| Connection Process valve | Clamp to DIN 32676 series A                        |
| Nominal size DN          | 6                                                  |
| Valve function           | 2/2-way, closed, monostable                        |
| Flow direction           | Reversible                                         |
| Medium pressure          | 0 MPa...0.2 MPa<br>0 bar...2 bar<br>0 psi...29 psi |
| Nominal pressure PN      | 10                                                 |
| Burst pressure           | 1.6 MPa<br>16 bar<br>232 psi                       |
| Type of reset            | Mechanical spring                                  |
| Type of piloting         | Direct                                             |
| Medium                   | Compressed air to ISO 8573-1:2010 [-:::1]<br>Water |
| Max. viscosity           | 4000 mm <sup>2</sup> /s                            |
| Media temperature        | -5 °C...100 °C                                     |
| Ambient temperature      | -5 °C...60 °C                                      |
| Storage temperature      | 5 °C...30 °C                                       |
| Flow rate Kv             | 0.7 m <sup>3</sup> /h                              |
| Switching time on        | 1000 ms                                            |
| Switching time off       | 1000 ms                                            |
| Note on materials        | RoHS-compliant                                     |

| Feature                       | Value                                                                   |
|-------------------------------|-------------------------------------------------------------------------|
| LABS (PWIS) conformity        | VDMA24364 zone III                                                      |
| Material housing              | High-alloy stainless steel                                              |
| Material number housing       | 1.4408                                                                  |
| Material housing cover        | High-alloy stainless steel                                              |
| Material number housing cover | 1.4404 / AISI 316L                                                      |
| Material seals                | FPM<br>HNBR                                                             |
| Material shut-off element     | VMQ (silicone)                                                          |
| Product weight                | 427 g                                                                   |
| Suitable for use with food    | See supplementary material information<br>See declaration of conformity |