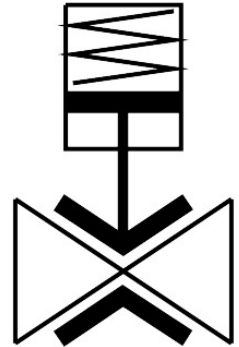


**Pinch valve**  
**VZQA-C-M22C-6-GG-ALALE-4**  
 Part number: 4748312

**FESTO**



 [General operating condition](#)

**Data sheet**

| Feature                     | Value                                                                                                                                                                                                       |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Design                      | Pinch valve, pneumatically actuated                                                                                                                                                                         |
| Type of actuation           | Pneumatic                                                                                                                                                                                                   |
| Sealing principle           | Soft                                                                                                                                                                                                        |
| Mounting position           | optional                                                                                                                                                                                                    |
| Type of mounting            | In-line installation                                                                                                                                                                                        |
| Connection Process valve    | G1/4                                                                                                                                                                                                        |
| Nominal size DN             | 6                                                                                                                                                                                                           |
| Valve function              | 2/2-way, closed, monostable                                                                                                                                                                                 |
| Flow direction              | Reversible                                                                                                                                                                                                  |
| Medium pressure             | 0 MPa ... 0.4 MPa                                                                                                                                                                                           |
| Medium pressure             | 0 bar ... 4 bar                                                                                                                                                                                             |
| Medium pressure             | 0 psi ... 58 psi                                                                                                                                                                                            |
| Note on the medium pressure | Use in the vacuum range was tested up to -0.09 MPa with the air at room temperature. Depending on the application, a counter-vacuum may have to be created on the control side to guarantee the media flow. |
| Operating pressure          | 0.35 MPa ... 0.6 MPa                                                                                                                                                                                        |
| Operating pressure          | 3.5 bar ... 6 bar                                                                                                                                                                                           |
| Operating pressure          | 50.75 psi ... 87 psi                                                                                                                                                                                        |
| Nominal pressure PN         | 10                                                                                                                                                                                                          |
| Burst pressure              | 1.6 MPa                                                                                                                                                                                                     |
| Burst pressure              | 16 bar                                                                                                                                                                                                      |
| Burst pressure              | 232 psi                                                                                                                                                                                                     |
| Type of reset               | Mechanical spring                                                                                                                                                                                           |
| Type of piloting            | Externally controlled                                                                                                                                                                                       |
| Auxiliary pilot air port 12 | M3                                                                                                                                                                                                          |
| Pilot medium                | Compressed air to ISO 8573-1:2010 [7:4:1]                                                                                                                                                                   |
| Symbol                      | 00992981                                                                                                                                                                                                    |
| Medium                      | Compressed air to ISO 8573-1:2010 [-::1]<br>Water                                                                                                                                                           |
| Max. viscosity              | 4000 mm <sup>2</sup> /s                                                                                                                                                                                     |

| Feature                    | Value                                  |
|----------------------------|----------------------------------------|
| Media temperature          | -5 °C ... 100 °C                       |
| Ambient temperature        | -5 °C ... 60 °C                        |
| Storage temperature        | 5 °C ... 20 °C                         |
| Flow rate Kv               | 0.7 m³/h                               |
| Switching time on          | 125 ms                                 |
| Switching time off         | 125 ms                                 |
| Note on materials          | RoHS-compliant                         |
| LABS (PWIS) conformity     | VDMA24364 zone III                     |
| Material housing           | Wrought aluminium alloy                |
| Material housing cover     | Wrought aluminium alloy                |
| Material seals             | FPM                                    |
| Material shut-off element  | EPDM                                   |
| Product weight             | 137 g                                  |
| Suitable for use with food | See supplementary material information |
| Material bowl              | PPS                                    |