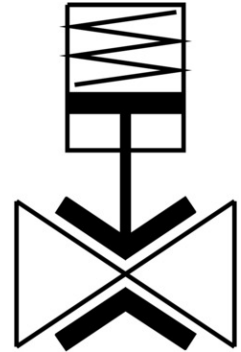


**Pinch valve**  
**VZQA-C-M22C-6-TT-V2V4E-4**  
 Part number: 4748311

**FESTO**



## Data sheet

| Feature                        | Value                                                 |
|--------------------------------|-------------------------------------------------------|
| Type code                      | VZQA                                                  |
| Burst pressure                 | 1.6 MPa                                               |
| Burst pressure                 | 232 psi                                               |
| Operating pressure             | 0.34 MPa ... 0.6 MPa                                  |
| Operating pressure             | 49.3 psi ... 87 psi                                   |
| Medium pressure                | 0 MPa ... 0.4 MPa                                     |
| Medium pressure                | 0 psi ... 58 psi                                      |
| Design                         | Pinch valve, pneumatically operated                   |
| Actuation type                 | Pneumatic                                             |
| Sealing principle              | Soft                                                  |
| Mounting position              | Any                                                   |
| Type of mounting               | Line installation                                     |
| Fitting connection             | 1/4 NPT                                               |
| Nominal width DN               | 6                                                     |
| Valve function                 | 2/2, closed, monostable                               |
| Flow direction                 | Reversible                                            |
| Medium pressure                | 0 bar ... 4 bar                                       |
| Operating pressure             | 3.5 bar ... 6 bar                                     |
| Nominal pressure of fitting PN | 10                                                    |
| Burst pressure                 | 16 bar                                                |
| Reset method                   | Mechanical spring                                     |
| Type of control                | Externally controlled                                 |
| Auxiliary pilot air port 12    | M3                                                    |
| Pilot medium                   | Compressed air as per ISO 8573-1:2010 [7:4:1]         |
| Symbol                         | 00992981                                              |
| Medium                         | Compressed air as per ISO 8573-1:2010 [-::1]<br>Water |
| Max. viscosity                 | 4000 mm <sup>2</sup> /s                               |
| Temperature of medium          | -5 °C ... 100 °C                                      |
| Ambient temperature            | -5 °C ... 60 °C                                       |
| Storage temperature            | 6 °C ... 8 °C                                         |

| Feature                      | Value                                                          |
|------------------------------|----------------------------------------------------------------|
| Flow rate Kv                 | 0.7 m³/h                                                       |
| On switching time            | 125 ms                                                         |
| Switching time off           | 125 ms                                                         |
| Note on materials            | Contains paint-wetting impairment substances<br>RoHS-compliant |
| Housing material             | High-alloy stainless steel                                     |
| Material number of housing   | 1.4301                                                         |
| Housing cover material       | High-alloy stainless steel                                     |
| Material no. housing cover   | 1.4435                                                         |
| Seals material               | FPM                                                            |
| Shut-off element material    | EPDM                                                           |
| Product weight               | 253 g                                                          |
| For use in the food industry | See supplementary material information                         |
| Material of bowl             | PPS                                                            |