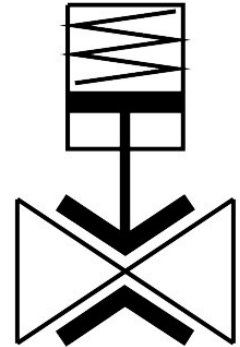


# Pinch valve VZQA-C-M22C-6-TT-V2V4S1-2

Part number: 8117025

**FESTO**



 [General operating condition](#)

## Data sheet

| Feature                        | Value                                                                                                                                                                                                       |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Structural 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 MPa ... 0.2 MPa                                                                                                                                                                                           |
| Medium pressure                | 0 bar ... 2 bar                                                                                                                                                                                             |
| Medium pressure                | 0 psi ... 29 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 of fitting PN | 10                                                                                                                                                                                                          |
| Burst pressure                 | 1.6 MPa                                                                                                                                                                                                     |
| Burst pressure                 | 16 bar                                                                                                                                                                                                      |
| Burst pressure                 | 232 psi                                                                                                                                                                                                     |
| 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                                                                                                                                                                                     |

| Feature                      | Value                         |
|------------------------------|-------------------------------|
| Temperature of medium        | -5 °C ... 90 °C               |
| Ambient temperature          | -5 °C ... 60 °C               |
| Storage temperature          | 5 °C ... 30 °C                |
| Flow rate Kv                 | 0.7 m³/h                      |
| On switching time            | 125 ms                        |
| Switching time off           | 125 ms                        |
| Note on materials            | RoHS-compliant                |
| LABS (PWIS) conformity       | VDMA24364 zone III            |
| Housing material             | High-alloy stainless steel    |
| Material number of housing   | 1.4301                        |
| Housing cover material       | High-alloy stainless steel    |
| Material no. housing cover   | 1.4404 / AISI 316L            |
| Seals material               | FPM                           |
| Shut-off element material    | VMQ (silicone)                |
| Product weight               | 256 g                         |
| For use in the food industry | See declaration of conformity |
| Material of bowl             | PPS                           |