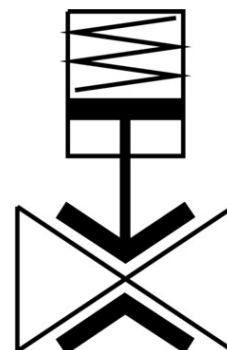


# Pinch valve

## VZQA-C-M22C-15-GG-V2V4E-6

Part number: 3412426

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    | G1/2                                              |
| Nominal size DN             | 15                                                |
| Valve function              | 2/2-way, closed, monostable                       |
| Flow direction              | Reversible                                        |
| Medium pressure             | 0 MPa ... 0.6 MPa                                 |
| Medium pressure             | 0 bar ... 6 bar                                   |
| Medium pressure             | 0 psi ... 87 psi                                  |
| 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 | M5                                                |
| 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                           |
| Media temperature           | -5 °C ... 100 °C                                  |
| Ambient temperature         | -5 °C ... 60 °C                                   |
| Storage temperature         | 5 °C ... 20 °C                                    |

| Feature                       | Value                                  |
|-------------------------------|----------------------------------------|
| Flow rate Kv                  | 5 m³/h                                 |
| Switching time on             | 150 ms                                 |
| Switching time off            | 250 ms                                 |
| Note on materials             | RoHS-compliant                         |
| LABS (PWIS) conformity        | VDMA24364 zone III                     |
| Material housing              | High-alloy stainless steel             |
| Material number housing       | 1.4301                                 |
| Material housing cover        | High-alloy stainless steel             |
| Material number housing cover | 1.4404 / AISI 316L                     |
| Material seals                | FPM                                    |
| Material shut-off element     | EPDM                                   |
| Product weight                | 537 g                                  |
| Suitable for use with food    | See supplementary material information |
| Material bowl                 | PA6                                    |