

# Pinch valve VZQA-C-M22C-15-TT-V2V4S1-2

Part number: 3412429

**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 ... 0.6 MPa                                              |
| Medium pressure                | 0 psi ... 87 psi                                               |
| Design                         | Pinch valve, pneumatically operated                            |
| Actuation type                 | Pneumatic                                                      |
| Sealing principle              | Soft                                                           |
| Mounting position              | Any                                                            |
| Type of mounting               | Line installation                                              |
| Fitting connection             | 1/2 NPT                                                        |
| Nominal width DN               | 15                                                             |
| Valve function                 | 2/2, closed, monostable                                        |
| Flow direction                 | Reversible                                                     |
| Medium pressure                | 0 bar ... 6 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    | M5                                                             |
| 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            | 5 °C ... 30 °C                                                 |
| Flow rate Kv                   | 5 m <sup>3</sup> /h                                            |
| On switching time              | 150 ms                                                         |
| Switching time off             | 250 ms                                                         |
| Note on materials              | Contains paint-wetting impairment substances<br>RoHS-compliant |

| Feature                      | Value                                  |
|------------------------------|----------------------------------------|
| 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    | VMQ (silicone)                         |
| Product weight               | 549 g                                  |
| For use in the food industry | See supplementary material information |
| Material of bowl             | PPS                                    |