

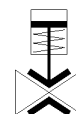
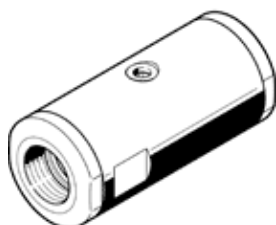
# Pinch valve

## VZQA-C-M22U-25-TT-V4V4S1-4

Part number: 3968928

FESTO

Pneumatically actuated pinch valve in stainless steel, safety position opened, NPT thread, DN25, food materials and articles.



## Data sheet

| Feature                           | Value  |
|-----------------------------------|--|
| Design structure                  | Pneumatically actuated pinch valve                       |
| Type of actuation                 | pneumatic  |
| Sealing principle                 | soft   |
| Assembly position                 | Any  |
| Mounting type                     | Line installation  |
| Process valve connection          | 1 NPT  |
| Nominal diameter DN               | 25   |
| Valve function                    | 2/2 open, monostable                                     |
| Flow direction                    | reversible   |
| Pressure of medium                | 0 ... 0.4 MPa  |
| Medium pressure                   | 0 ... 4 bar  |
| Pressure of medium psi            | 0 ... 58 psi   |
| Operating pressure MPa            | 0.1 ... 0.65 MPa   |
| Operating pressure                | 1 ... 6.5 bar<br>14.5 ... 94.25 psi                      |
| Nominal pressure of process valve | 10   |
| Differential pressure (MPa)       | 0.3 MPa  |
| Differential pressure             | 3 bar  |
| Differential pressure (psi)       | 43.5 psi   |
| Burst pressure                    | 1.6 MPa  |
| Bursting pressure                 | 16 bar   |
| Burst pressure                    | 232 psi  |
| Overload pressure                 | 0.78 MPa<br>7.8 bar                                      |
| Overload pressure (psi)           | 113.1 psi  |
| Type of reset                     | Rebound resilience                                       |
| Type of piloting                  | With external control                                    |
| Auxiliary pilot air port 12       | G1/8   |
| Pilot medium                      | Compressed air in accordance with ISO8573-1:2010 [7:4:4] |
| Medium                            | Compressed air in accordance with ISO8573-1:2010 [-:-:-] |
| Max. viscosity                    | 4,000 mm <sup>2</sup> /s                                 |
| Medium temperature                | -5 ... 150 °C  |
| Ambient temperature               | -5 ... 60 °C   |
| Storage temperature               | 5 ... 30 °C  |
| Flow rate Kv                      | 18 m <sup>3</sup> /h                                     |
| Switching time on                 | 250 ms   |
| Switching time off                | 250 ms   |
| Materials note                    | Conforms to RoHS   |
| PWIS conformity                   | VDMA24364 zone III                                       |
| RSBP classification to CD-0033    | F1a  |
| Material housing                  | High alloy steel, non-corrosive                          |
| Material number for housing       | 1.4404   |
| Material housing cover            | High alloy steel, non-corrosive                          |

| <b>Feature</b>            | <b>Value</b>                  |
|---------------------------|-------------------------------|
| Material seals            | FPM                           |
| Material shut-off element | VMQ (silicon)                 |
| Product weight            | 1,178 g                       |
| Food-safe                 | See declaration of conformity |
| Material bowl             | PA6                           |