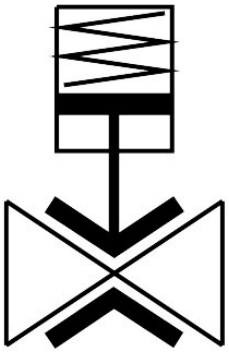
# Pinch valve
# VZQA-C-M22C-6-TT-V2V4S1-2

Part number: 8117025





## Data sheet

| Feature | Value |
|---|---|
| Design | Pinch valve, pneumatically actuated |
| Type of actuation | Pneumatic |
| Sealing principle | Soft |
| Mounting position | Any |
| Type of mounting | Inline installation |
| Connection Process valve | 1/4 NPT |
| Nominal size DN | 6 |
| Valve function | 2/2-way, single solenoid, closed |
| Flow direction | Reversible |
| Medium pressure | 0 MPa...0.2 MPa<br>0 bar...2 bar<br>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<br>3.5 bar...6 bar<br>50.75 psi...87 psi |
| Nominal pressure PN | 10 |
| Burst pressure | 1.6 MPa<br>16 bar<br>232 psi |
| Type of reset | Mechanical spring |
| Type of piloting | Externally actuated |
| Auxiliary pilot air port 12 | M3 |
| Pilot medium | Compressed air to ISO 8573-1:2010 [7:4:1] |
| Medium | Compressed air to ISO 8573-1:2010 [-:-:1]<br>Water |
| Max. viscosity | 4000 mm²/s |

| Feature | Value |
|---|---|
| Media temperature | -5 °C...90 °C |
| Ambient temperature | -5 °C...60 °C |
| Storage temperature | 5 °C...30 °C |
| Flow rate Kv | 0.7 m³/h |
| Switching time on | 125 ms |
| Switching time off | 125 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 | Fluoro rubber |
| Material shut-off element | VMQ (silicone) |
| Product weight | 256 g |
| Suitable for use with food | See declaration of conformity |
| Material bowl | PPS |