

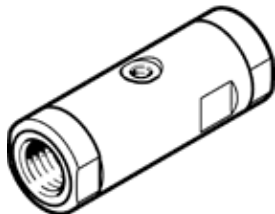
Pinch valve

VZQA-C-M22U-6-GG-V4V4E-4

Part number: 2931678

FESTO

Pneumatically actuated pinch valve in stainless steel, safety position open, G-thread, DN6.



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 | G1/4 |
| Nominal diameter DN | 6 |
| 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 |
| Working pressure | 1 ... 6.5 bar |
| Operating pressure | 14.5 ... 94.25 psi |
| Nominal pressure of process valve | 10 |
| Differential pressure (MPa) | 0.25 MPa |
| Differential pressure | 2.5 bar |
| Differential pressure (psi) | 36.25 psi |
| Burst pressure | 1.6 MPa |
| Bursting pressure | 16 bar |
| Burst pressure | 232 psi |
| Overload pressure | 0.78 MPa 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 | M5 |
| Pilot medium | Compressed air to ISO 8573-1:2010 [7:4:1] |
| Medium | Compressed air to ISO 8573-1:2010 [:::1] Water |
| Max. viscosity | 4,000 mm ² /s |
| Medium temperature | -5 ... 100 °C |
| Ambient temperature | -5 ... 60 °C |
| Storage temperature | 5 ... 20 °C |
| Flow rate Kv | 0.7 m ³ /h |
| Switching time on | 125 ms |
| Switching time off | 125 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 |

| Feature | Value |
|---------------------------|--|
| Material housing cover | High alloy steel, non-corrosive |
| Material seals | FPM |
| Material shut-off element | EPDM |
| Product weight | 157 g |
| Food-safe | See Supplementary material information |
| Material bowl | PA6 |