

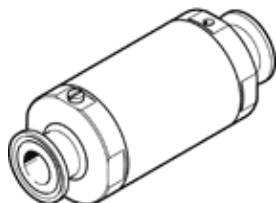
Pinch valve

VZQA-C-M22C-15-S5S5-V2V4E-6

Part number: 3412424

FESTO

Pneumatically actuated pinch valve in stainless steel, clamp connection, DN15.



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 | Clamp to DIN 32676 series A |
| Nominal diameter DN | 15 |
| Valve function | 2/2 closed, monostable |
| Flow direction | reversible |
| Pressure of medium | 0 ... 0.6 MPa |
| Medium pressure | 0 ... 6 bar |
| Pressure of medium psi | 0 ... 87 psi |
| Operating pressure MPa | 0.35 ... 0.6 MPa |
| Working pressure | 3.5 ... 6 bar |
| Operating pressure | 50.75 ... 87 psi |
| Nominal pressure of process valve | 10 |
| Burst pressure | 1.6 MPa |
| Bursting pressure | 16 bar |
| Burst pressure | 232 psi |
| Type of reset | mechanical spring |
| 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 | 5 m ³ /h |
| Switching time on | 150 ms |
| Switching time off | 250 ms |
| Materials note | Conforms to RoHS |
| PWIS conformity | VDMA24364 zone III |
| Material housing | High alloy steel, non-corrosive |
| Material number for housing | 1.4301 |
| Material housing cover | High alloy steel, non-corrosive |
| Material no. housing cover | 1.4404 / AISI 316L |
| Material seals | FPM |
| Material shut-off element | EPDM |
| Product weight | 667 g |
| Food-safe | See Supplementary material information |
| Material bowl | PA6 |