

Pinch valve VZQA-C-M22C-...

Part number: 3174282

FESTO



Data sheet

| Feature | Value |
|--------------------------------|--|
| Structural design | Pinch valve, pneumatically operated |
| Actuation type | Pneumatic |
| Sealing principle | Soft |
| Mounting position | Any |
| Type of mounting | Line installation |
| Fitting connection | Clamp as per ASME-BPE, type A Clamp as per ASME-BPE, type B Clamp as per DIN 32676 series A G1 G1/2 G1/4 1 NPT 1/2 NPT 1/4 NPT |
| Nominal width DN | 6 15 25 |
| 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 | M3 M5 |
| Pilot medium | Compressed air as per ISO 8573-1:2010 [7:4:1] |
| Medium | Compressed air as per ISO 8573-1:2010 [-:~:1] Water |

| Feature | Value |
|------------------------------|---|
| Max. viscosity | 4000 mm ² /s |
| Temperature of medium | -5 °C...100 °C |
| Ambient temperature | -5 °C...60 °C |
| Storage temperature | 5 °C...30 °C |
| Flow rate Kv | 0.7 m ³ /h...18 m ³ /h |
| On switching time | 125 ms...250 ms |
| Switching time off | 125 ms...400 ms |
| Note on materials | RoHS-compliant |
| LABS (PWIS) conformity | VDMA24364 zone III |
| Housing material | Wrought aluminum alloy High-alloy stainless steel |
| Material number of housing | 1.4301 |
| Housing cover material | High-alloy stainless steel Wrought aluminum alloy |
| Material no. housing cover | 1.4404 / AISI 316L |
| Seals material | FPM |
| Shut-off element material | EPDM VMQ (silicone) |
| Product weight | 137 g...2408 g |
| For use in the food industry | See supplementary material information See declaration of conformity |
| Material of bowl | PA6 PPS |