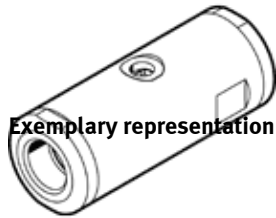


Pinch valve VZQA-C-M22U-...

Part number: 2037881

FESTO

Pneumatically actuated pinch valve, safety position open.



Data sheet

Overall data sheet – Individual values depend upon your configuration.

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 ASME-BPE, type A Clamp to ASME-BPE, type B Clamp to DIN 32676 series A G1 G1/2 G1/4 1 NPT 1/2 NPT 1/4 NPT
Nominal diameter DN	6 15 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
Working pressure	1 ... 6.5 bar
Operating pressure	14.5 ... 94.25 psi
Nominal pressure of process valve	10
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 G1/8
Pilot medium	Compressed air to ISO 8573-1:2010 [7:4:1] Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Medium	Compressed air in accordance with ISO8573-1:2010 [:-:-] Compressed air to ISO 8573-1:2010 [:-:1] Water
Max. viscosity	4,000 mm ² /s

Feature	Value
Medium temperature	-5 ... 150 °C
Ambient temperature	-5 ... 60 °C
Storage temperature	5 ... 30 °C
Flow rate Kv	0.7 ... 18 m ³ /h
Switching time on	125 ... 250 ms
Switching time off	125 ... 250 ms
Materials note	Conforms to RoHS
PWIS conformity	VDMA24364 zone III
RSBP classification to CD-0033	F1a
Material housing	Wrought Aluminum alloy High alloy steel, non-corrosive
Material housing cover	POM High alloy steel, non-corrosive Wrought Aluminum alloy
Material seals	FPM
Material shut-off element	EPDM NBR VMQ (silicon)
Product weight	56.5 ... 1,876 g
Food-safe	See Supplementary material information See declaration of conformity
Material bowl	PA6