

Pinch valve

VZQA-C-M22U-6-GG-V4V4S1-4

Part number: 2931683

FESTO

Pneumatically actuated pinch valve in stainless steel, safety position open, G thread, DN6, food materials and articles.



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
Operating pressure	1 ... 6.5 bar 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 in accordance with ISO8573-1:2010 [7:4:4]
Medium	Compressed air in accordance with ISO8573-1:2010 [-:-:-]
Max. viscosity	4,000 mm ² /s
Medium temperature	-5 ... 150 °C
Ambient temperature	-5 ... 60 °C
Storage temperature	5 ... 30 °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
Material housing cover	High alloy steel, non-corrosive

Feature	Value
Material seals	FPM
Material shut-off element	VMQ (silicon)
Product weight	157 g
Food-safe	See declaration of conformity
Material bowl	PA6