

Pinch valve

VZQA-C-M22C-25-GG-V2V4S1-2

Part number: 8159105

FESTO



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
Nominal diameter DN	25
Valve function	2/2 closed, monostable
Flow direction	reversible
Pressure of medium	0 ... 0.2 MPa
Medium pressure	0 ... 2 bar
Pressure of medium psi	0 ... 29 psi
Operating pressure MPa	0.35 ... 0.6 MPa
Operating pressure	3.5 ... 6 bar 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 ... 30 °C
Flow rate Kv	18 m ³ /h
Switching time on	250 ms
Switching time off	400 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	VMQ (silicon)
Product weight	2,068 g
Food-safe	See declaration of conformity
Material bowl	PPS