

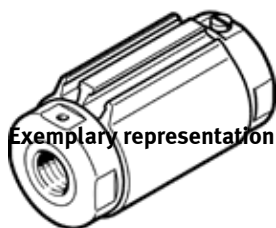
Pinch valve

VZQA-C-M22C-...

Part number: 3174282

FESTO

Pneumatically actuated pinch valve, safety position closed.



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 closed, monostable
Flow direction	reversible
Medium pressure	0 ... 6 bar
Operating pressure	3.5 ... 6 bar
Nominal pressure of process valve	10
Bursting pressure	16 bar
Type of reset	mechanical spring
Type of piloting	With external control
Auxiliary pilot air port 12	M3 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	0.7 ... 18 m ³ /h
Switching time on	125 ... 250 ms
Switching time off	125 ... 400 ms
Materials note	Conforms to RoHS
PWIS conformity	VDMA24364 zone III
Material housing	Wrought Aluminium alloy High alloy steel, non-corrosive
Material number for housing	1.4301

Feature	Value
Material housing cover	High alloy steel, non-corrosive Wrought Aluminium alloy
Material no. housing cover	1.4404 / AISI 316L
Material seals	FPM
Material shut-off element	EPDM VMQ (silicon)
Product weight	137 ... 2,408 g
Food-safe	See Supplementary material information See declaration of conformity
Material bowl	PA6 PPS