

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	In-line installation
Fitting connection	Clamp according to ASME-BPE Type A Clamp according to ASME BPE type B Clamp according to DIN 32676 series A G1/4 G1/2 G1 1/4 NPT 1/2 NPT 1 NPT
Nominal width DN	6 15 25
Valve function	2/2-way, closed, monostable
Flow direction	Reversible
Medium pressure	0 bar...6 bar
Note on the medium pressure	Use in the vacuum range was tested up to -0.09 MPa with the air at room temperature. Depending on the application, a counter-vacuum may have to be created on the control side to guarantee the media flow.
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
Max. viscosity	4000 mm²/s
Temperature of medium	-5 °C...100 °C

Feature	Value
Ambient temperature	-5 °C...60 °C
Storage temperature	5 °C...30 °C
Flow rate Kv	0.7 m³/h...18 m³/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