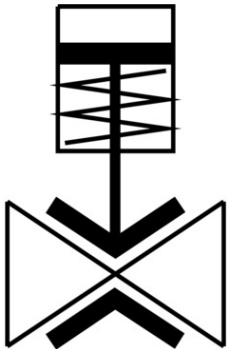


Pinch valve

VZQA-C-M22U-25-S12S12-V4V4S1-4

Part number: 3968927

FESTO



 General operating condition

Data sheet

Feature	Value
Design	Pinch valve, pneumatically actuated
Type of actuation	Pneumatic
Sealing principle	Soft
Mounting position	optional
Type of mounting	In-line installation
Connection Process valve	Clamp to ASME-BPE, type B
Nominal size DN	25
Valve function	2/2 open, single solenoid
Flow direction	Reversible
Medium pressure	0 MPa ... 0.4 MPa
Medium pressure	0 bar ... 4 bar
Medium pressure	0 psi ... 58 psi
Operating pressure	0.1 MPa ... 0.65 MPa
Operating pressure	1 bar ... 6.5 bar
Operating pressure	14.5 psi ... 94.25 psi
Nominal pressure PN	10
Differential pressure	0.3 MPa
Differential pressure	3 bar
Differential pressure	43.5 psi
Burst pressure	1.6 MPa
Burst pressure	16 bar
Burst pressure	232 psi
Overload pressure	0.78 MPa
Overload pressure	7.8 bar
Overload pressure	113.1 psi
Type of reset	Rebound resilience
Type of piloting	Externally controlled
Auxiliary pilot air port 12	G1/8
Pilot medium	Compressed air to ISO 8573-1:2010 [7:4:4]

Feature	Value
Symbol	00995245
Medium	Compressed air to ISO 8573-1:2010 [-:~:]
Max. viscosity	4000 mm ² /s
Media temperature	-5 °C ... 150 °C
Ambient temperature	-5 °C ... 60 °C
Storage temperature	5 °C ... 30 °C
Flow rate Kv	18 m ³ /h
Switching time on	250 ms
Switching time off	250 ms
Note on materials	RoHS-compliant
LABS (PWIS) conformity	VDMA24364 zone III
Suitability for the production of Li-ion batteries	Metals with more than 1% by mass of copper, zinc or nickel by mass are excluded from use. Exceptions are nickel in steel, chemically nickel-plated surfaces, printed circuit boards, cables, electrical plug connectors and coils
Material housing	High-alloy stainless steel
Material number housing	1.4404
Material housing cover	High-alloy stainless steel
Material seals	FPM
Material shut-off element	VMQ (silicone)
Product weight	1516 g
Suitable for use with food	See declaration of conformity
Material bowl	PA6