

# Pinch valve

## VZQA-C-M22U-6-TT-V4V4S1-4

Part number: 2931685

FESTO

Pneumatically actuated pinch valve in stainless steel, safety position open, NPT 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	1/4 NPT
Nominal diameter DN	6
Valve function	2/2 open, monostable
Flow direction	reversible
Medium pressure	0 ... 4 bar
Operating pressure	1 ... 6.5 bar
Nominal pressure of process valve	10
Differential pressure	2.5 bar
Bursting pressure	16 bar
Overload pressure	7.8 bar
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 <sup>2</sup> /s
Medium temperature	-5 ... 150 °C
Ambient temperature	-5 ... 60 °C
Storage temperature	5 ... 30 °C
Flow rate Kv	0.7 m <sup>3</sup> /h
Switching time on	125 ms
Switching time off	125 ms
Materials note	Contains PWIS substances Conforms to RoHS
Material housing	High alloy steel, non-corrosive
Material number for housing	1.4435
Material housing cover	High alloy steel, non-corrosive
Material no. housing cover	1.4435
Material seals	FPM
Material shut-off element	VMQ (silicon)
Product weight	157 g
Food-safe	See declaration of conformity
Material bowl	PA6