

Pneumatic valve VUWS-20

Part number: 576517

FESTO



Data sheet

Feature	Value
Valve function	2x3/2 closed, monostable 2x3/2 open monostable 2x3/2, open/closed, monostable 3/2-way, closed, monostable 3/2-way, monostable, open 5/2-way, bistable 5/2-way, monostable 5/3-way, pressurized 5/3 exhausted 5/3-way, closed
Actuation type	Pneumatic
Valve size	21 mm
Normal nominal flow rate (normalized to DIN 1343)	500 l/min...700 l/min
Pneumatic working port	G1/8 1/8 NPT QS-4 QS-6 QS-8 QS-5/32 QS-1/4 QS-5/16
Operating pressure	1.5 bar...10 bar
Structural design	Piston gate valve Plate seat
Reset method	Mechanical spring Pneumatic spring
Certification	c UL us - recognized (OL)
Exhaust air function	Adjustable
Sealing principle	Soft
Mounting position	Any
Manual override	None
Type of control	directly
Pilot air supply port	External Internal
Flow direction	Reversible with restrictions
Pilot pressure MPa	0.15 MPa...1 MPa
Pilot pressure	1.5 bar...10 bar

Feature	Value
Explosion prevention and protection	Observe the information on the certificate Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Cleanroom suitability, measured according to ISO 14644-14	Class 6 according to ISO 14644-1
Temperature of medium	-10 °C...60 °C
Pilot medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Ambient temperature	-10 °C...60 °C
Type of mounting	Alternatively: On terminal strip With through-hole
Venting hole connection	Not ducted
Note on materials	RoHS compliant
Housing material	Die-cast aluminum Painted
Piston slide material	Wrought aluminum alloy
Material of screws	Galvanized steel