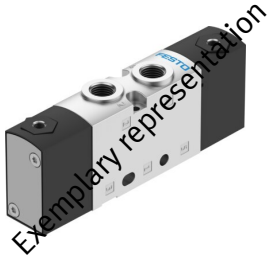


Pneumatic valve VUWS-20

Part number: 576517

FESTO



 General operating condition

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Valve function	2x3/2 closed monostable 2x3/2 open monostable 2x3/2-way, open/closed, monostable 3/2-way, single solenoid, closed 3/2-way, single solenoid, open 5/2-way, double solenoid 5/2-way, single solenoid 5/3-way, pressurised 5/3 exhausted 5/3-way, closed
Type of actuation	Pneumatic
Valve size	21 mm
Standard nominal flow rate (standardised 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
Design	Piston gate valve Poppet seat
Type of reset	Mechanical spring Pneumatic spring
Approval	c UL us - Recognised (Oil)
Exhaust-air function	Can be throttled
Sealing principle	Soft
Mounting position	Any
Manual override	None
Type of piloting	Direct
Pilot air supply	External Internal
Flow direction	Reversible with restrictions
Pilot pressure	0.15 MPa ... 1 MPa
Pilot pressure	1.5 bar ... 10 bar

Feature	Value
Explosion protection	The information in the certificate must be observed! Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
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
Media temperature	-10 °C ... 60 °C
Pilot medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Ambient temperature	-10 °C ... 60 °C
Type of mounting	On manifold rail With through-hole
Breather connection	Not ducted
Note on materials	RoHS compliant
Material housing	painted
Material piston slide	Wrought aluminium alloy
Material screws	Galvanised steel