

Pneumatic valve VUWS-30

Part number: 8022018

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, open/closed, monostable 3/2, closed, monostable 3/2, open, monostable 5/2, bistable 5/2, monostable 5/3, pressurized 5/3, exhausted 5/3, closed
Actuation type	Pneumatic
Valve size	31 mm
Standard nominal flow rate	1500 l/min ... 2400 l/min
Pneumatic working port	G3/8 3/8 NPT QS-6 QS-8 QS-10 QS-1/4 QS-5/16 QS-3/8
Operating pressure	-0.09 MPa ... 1 MPa
Operating pressure	-0.9 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	With flow control option
Sealing principle	Soft
Mounting position	Any
Manual override	None
Type of control	Direct
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

Feature	Value
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Cleanroom class	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	With through-hole
Venting hole connection	Not ducted
Note on materials	RoHS-compliant
Seals material	HNBR NBR
Housing material	Painted
Piston slide material	Wrought aluminum alloy
Material of screws	Steel, nickel-plated