

# 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-way, monostable, closed 2x3/2-way, open, monostable 2x3/2-way, open/closed, monostable 3/2-way, closed, monostable 3/2 open, monostable 5/2 bistable 5/2-way, monostable 5/3-way, pressurised 5/3 exhausted 5/3 closed
Type of actuation	Pneumatic
Valve size	31 mm
Standard nominal flow rate (standardised to DIN 1343)	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
Design	Piston gate valve Poppet seat
Type of reset	Mechanical spring Pneumatic spring
Approval	c UL us - Recognized (OL)
Exhaust-air function	With flow control option
Sealing principle	Soft
Mounting position	optional
Manual override	None
Type of piloting	Direct
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)

Feature	Value
Corrosion resistance class CRC	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Cleanroom class	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	Either: On manifold rail With through-hole
Breather connection	Not ducted
Note on materials	RoHS-compliant
Material seals	HNBR NBR
Material housing	Painted
Material piston slide	Wrought aluminium alloy
Material screws	Nickel-plated steel