

# Pneumatic valve VUWG

Part number: 571755

FESTO



## Data sheet

Feature	Value
Valve function	2x3/2-way, monostable, closed 2x3/2-way, open, monostable 2x3/2-way, open/closed, monostable 5/2 double solenoid 5/2-way, monostable 5/3-way, pressurised 5/3 exhausted 5/3 closed
Type of actuation	Pneumatic
Valve size	10 mm 14 mm 18 mm
Standard nominal flow rate (standardised to DIN 1343)	90 l/min...1380 l/min
pneumatic working port	M3 M5 M7 G1/8 G1/4 QS-3 QS-4 QS-6 QS-8 QS-10 QS-5/32 QS-1/8 QS-3/16 QS-1/4 QS-5/16 QS-3/8
Operating pressure	-0.9 bar...10 bar
Design	Piston gate valve
Type of reset	Mechanical spring Pneumatic spring
Exhaust-air function	With flow control option
Sealing principle	Soft
Mounting position	optional
Manual override	None
Type of piloting	Direct

Feature	Value
lap	Overlap Indefinite overlap
Pilot pressure	1.5 bar...10 bar
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 class	Class 5 according to ISO 14644-1
Media temperature	-5 °C...50 °C
Pilot medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Ambient temperature	-5 °C...60 °C
Type of mounting	On PR rail With through-hole Either:
Pilot air port 12	M5
Pilot air port 14	M5
Note on materials	RoHS-compliant
Material seals	HNBR NBR
Material housing	Aluminium Anodised