

Air solenoid valve VUVG

Part number: 564212

FESTO



Data sheet

Feature	Value
Valve function	2x3/2 closed, monostable 2x3/2 open monostable 2x3/2, open/closed, monostable 5/2-way, bistable 5/2-way, monostable 5/3-way, pressurized 5/3 exhausted 5/3-way, closed
Actuation type	Electrical
Normal nominal flow rate (normalized to DIN 1343)	90 l/min...1380 l/min
Pneumatic working port	Flange 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 voltage	12V DC 24V DC 5V DC
Operating pressure	-0.09 MPa...1 MPa -0.9 bar...10 bar
Structural design	Piston gate valve Piston slide with sealing ring
Reset method	Mechanical spring Pneumatic spring
Certification	RCM compliance mark c UL us - recognized (OL)
CE marking (see declaration of conformity)	As per EU EMC directive As per EU low voltage directive

Feature	Value
	As per EU RoHS directive
Degree of protection	IP40 IP65 With plug socket
Exhaust air function	Adjustable
Sealing principle	Soft
Mounting position	Any
Manual override	Detenting Non-detenting Covered
Type of control	Piloted
Pilot air supply port	External Internal
Lap	Positive overlap Indeterminate overlap
Duty cycle	100%
Permissible voltage fluctuations	+/- 10%
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)
Restricted ambient and media temperature	-5 - 50 °C Without holding current reduction
Corrosion resistance class (CRC)	0 - No corrosion stress 2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L VDMA24364 Zone III
Cleanroom suitability, measured according to ISO 14644-14	Class 5 according to ISO 14644-1
Temperature of medium	-5 °C...60 °C
Ambient temperature	-5 °C...60 °C
Electrical connection	Via electrical sub-base
Type of mounting	Alternatively: On terminal strip With through-hole
Pilot air port 12/14	M3 M5
Pneumatic connection 1	M3 M5 M7 G1/8 G1/4
Pneumatic connection 2	M3 M5 M7 G1/8 G1/4
Pneumatic connection 3	M3 M5 M7 G1/8 G1/4
Pneumatic connection 4	M3 M5 M7 G1/8 G1/4
Pneumatic connection 5	M3 M5 M7 G1/8 G1/4
Note on materials	RoHS compliant