

# 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, bistable 5/2, monostable 5/3, pressurized 5/3, exhausted 5/3, closed
Actuation type	Electrical
Valve size	10 mm 14 mm 18 mm
Standard nominal flow rate	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

Feature	Value
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 As per EU RoHS directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions To UK instructions for electrical equipment
Degree of protection	IP40 IP65 With plug socket
Exhaust air function	With flow control option
Sealing principle	Soft
Mounting position	Any
Manual override	Detenting Non-detenting Covered
Type of control	Pilot-controlled
Pilot air supply port	External Internal
Lap	Overlap Indefinite 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 power reduction
Corrosion resistance class (CRC)	0 - No corrosion stress 2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L VDMA24364 zone III
Cleanroom class	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	On terminal strip With through-hole Optionally:
Note on materials	RoHS-compliant
Seals material	HNBR NBR
Housing material	Wrought aluminum alloy