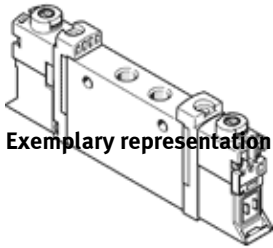


solenoid valve VUVG

Part number: 564212
★ Core product range

FESTO



Exemplary representation

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 5/2 bistable 5/2 monostable 5/3 pressurised 5/3 exhausted 5/3 closed
Type of actuation	electrical
Valve size	10 mm 14 mm 18 mm
Standard nominal flow rate	90 ... 1,380 l/min
Operating pressure MPa	-0.09 ... 1 MPa
Operating pressure	-0.9 ... 10 bar
Design structure	Piston slide Piston slide with sealing ring
Type of reset	mechanical spring Air spring
Authorisation	RCM Mark c UL us - Recognized (OL)
CE mark (see declaration of conformity)	to EU directive for EMC to EU directive low-voltage devices in accordance with EU RoHS directive
UKCA marking (see declaration of conformity)	To UK instructions for electrical equipment To UK instructions for EMC To UK RoHS instructions
Protection class	IP40 IP65 with plug socket
Exhaust-air function	throttleable
Sealing principle	soft
Assembly position	Any
Manual override	detenting Pushing Covered
Type of piloting	Piloted
Pilot air supply	external Internal
Overlap	Positive overlap Indefinite overlap
Duty cycle	100 %
Permissible voltage fluctuation	+/- 10 %
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]

Feature	Value
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
Restriction ambient and medium temperature	Without holding current reduction -5 - 50 °C
Corrosion resistance classification CRC	0 - No corrosion stress 2 - Moderate corrosion stress
PWIS conformity	VDMA24364-B1/B2-L VDMA24364 zone III
Medium temperature	-5 ... 60 °C
Ambient temperature	-5 ... 60 °C
Electrical connection	Via electrical connection plate
Mounting type	on manifold rail with through hole Optional
Materials note	Conforms to RoHS
Material seals	HNBR NBR
Material housing	Wrought Aluminium alloy