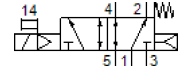
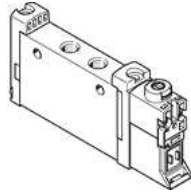


Solenoid valve VUVG-L10-M52-RT-M5-1P3

Part number: 566457

★ Core product range



- [PDF](#) General operating conditions
- [PDF](#) Data sheet
- [→](#) Datasheet product reliability

Data sheet

Feature	values
Delivery date:	→ View
Valve function	5/2 monostable
Type of actuation	electrical
Valve size	10 mm
Standard nominal flow rate	220 l/min
Operating pressure	2,5 ... 8 bar
Design structure	Piston slide
Type of reset	Air spring mechanical spring
Protection class	IP40 with plug socket IP65
Authorisation	c UL us - Recognized (OL) c CSA us (OL)
Nominal size	3.2 mm
Exhaust-air function	throttleable
Sealing principle	soft
Assembly position	Any
Manual override	Pushing Covered detenting
Type of piloting	Piloted
Pilot air supply	Internal
Note on forced dynamisation	Switching frequency at least once a week
Pilot pressure	2,5 ... 8 bar
Suitability for vacuum	No
Switching time off	19 ms
Switching time on	7 ms
Duty cycle	100%
Characteristic coil data	24VDC:1 24 V DC: low-current phase 0.3 W, high-current phase 1.0 W
Permissible voltage fluctuation	+/- 10 %
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
Restriction ambient and medium temperature	-5 - 50 °C Without holding current reduction
Corrosion resistance classification CRC	2
Medium temperature	-5 ... 60 °C
Ambient temperature	-5 ... 60 °C
Product weight	45 g
Electrical connection	Via electrical connection plate
Mounting type	with through hole Optional on manifold rail
Pneumatic connection, port 1	M5
Pneumatic connection, port 2	M5
Pneumatic connection, port 3	M5
Pneumatic connection, port 4	M5
Pneumatic connection, port 5	M5
Materials note	Conforms to RoHS
Materials information for seals	HNBR NBR
Materials information, housing	Wrought Aluminium alloy