solenoid valve
VUVS-L30-M52-MD-G38-F8
Part number: 575602
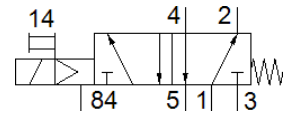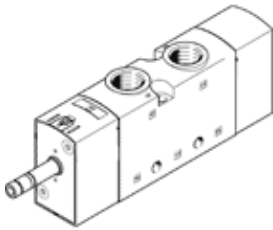
Data sheet

Feature	values
Valve function	5/2 monostable
Type of actuation	electrical
Valve size	31 mm
Standard nominal flow rate	2,300 l/min
Operating pressure	2.5 ... 10 bar
Design structure	Piston slide
Type of reset	mechanical spring
Nominal size	9.4 mm
Exhaust-air function	throttleable
Sealing principle	soft
Assembly position	Any
Manual override	detenting
	Pushing
Type of piloting	Piloted
Pilot air supply	Internal
Flow direction	non reversible
Freedom from overlap	Yes
Note on forced dynamisation	Switching frequency at least once a week
b value	0.4
C value	9.9 l/sbar
Switching time off	62 ms
Switching time on	17 ms
Max. positive test pulse with logic 0	2,000 µs
Max. negative test pulse with logic 1	3,600 µs
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)
Vibration resistance	Transport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27
Corrosion resistance classification CRC	2 - Moderate corrosion stress
Medium temperature	-10 ... 60 °C
Pilot medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Ambient temperature	-10 ... 60 °C
Product weight	450 g
Mounting type	Optional
	on manifold rail
	with through hole
Scavenging orifice connection	Non-ducted
Pilot exhaust port 84	M5
Pneumatic connection, port 1	G3/8
Pneumatic connection, port 2	G3/8
Pneumatic connection, port 3	G3/8
Pneumatic connection, port 4	G3/8
Pneumatic connection, port 5	G3/8

Feature	values
Materials note	Conforms to RoHS
Materials information for seals	HNBR
	NBR
Materials information, housing	Aluminium die cast
	Painted
Material information, piston spool	Wrought Aluminium alloy