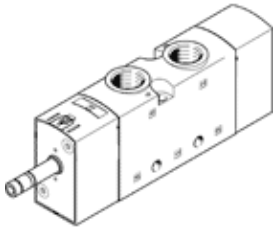
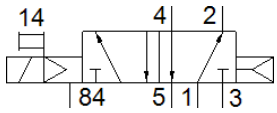
Solenoid valve
VUVS-L25-M52-AD-G14-F8

Part number: 575501
☆ Core product range

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Data sheet

Feature	Value
Valve function	5/2 monostable
Type of actuation	electrical
Valve size	26.5 mm
Standard nominal flow rate	1,300 l/min
Working pressure	2.5 ... 10 bar
Design structure	Piston slide
Type of reset	Air spring
Authorization	c UL us - Recognized (OL)
Nominal size	6.9 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
b value	0.4
C value	5.3 l/sbar
Switching time off	35 ms
Switching time on	19 ms
Max. positive test pulse with logic 0	2,000 µs
Max. negative test pulse with logic 1	3,600 µs
Certificate issuing department	DNVGL-TAA000011J
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	311 g
Mounting type	Optional on manifold rail with through hole
Scavenging orifice connection	Non-ducted
Pilot exhaust port 84	M5
Pneumatic connection, port 1	G1/4
Pneumatic connection, port 2	G1/4
Pneumatic connection, port 3	G1/4
Pneumatic connection, port 4	G1/4

Feature	Value
Pneumatic connection, port 5	G1/4
Materials note	Conforms to RoHS
Material seals	HNBR NBR
Material housing	Aluminum die cast Painted
Material Piston slide	Wrought Aluminum alloy
Material screws	Galvanized steel

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