

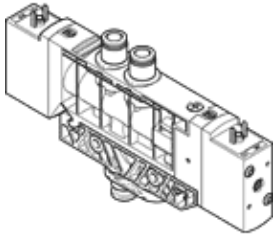
# solenoid valve

## VUVB-L-B42-ZD-Q6-1C1

Part number: 537482

FESTO

With solenoid coil and manual override, without plug socket.  
This type is suitable for vacuum.



## Data sheet

Feature	Value
Valve function	4/2 bistable
Type of actuation	electrical
Valve size	20 mm
Standard nominal flow rate	500 l/min
Operating pressure	-0.9 ... 8 bar
Design structure	Piston slide
Protection class	IP65
Nominal size	7 mm
Exhaust-air function	not throttleable
Sealing principle	soft
Assembly position	Any
Manual override	detenting Pushing
Type of piloting	Piloted
Pilot air supply	external
Flow direction	non reversible
Pilot pressure	2 ... 8 bar
Switching time reversal	20 ms
Characteristic coil data	24 V DC: 1.5 W
Surge strength	0.8 kV
Degree of contamination	3
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)
Corrosion resistance classification CRC	1
Storage temperature	-20 ... 40 °C
Medium temperature	-5 ... 50 °C
Ambient temperature	-5 ... 50 °C
Max. tightening torque, valve mounting	2 Nm
Max. tightening torque, wall mounting	3 Nm
Product weight	240 g
Electrical connection	Plug to EN 175301-803 Design C
Mounting type	with through hole
Auxiliary pilot air port 12/14	M5
Pilot exhaust port 84	Non-ducted
Pneumatic connection, port 1	QS-6
Pneumatic connection, port 2	QS-6
Pneumatic connection, port 3	G1/4
Pneumatic connection, port 4	QS-6
Materials note	Free of copper and PTFE

<b>Feature</b>	<b>Value</b>
	Conforms to RoHS
Materials information for sub-base	PA-reinforced
Materials information for seals	FPM HNBR NBR
Materials information, housing	PA-reinforced
Material information, piston spool	Wrought Aluminium alloy