

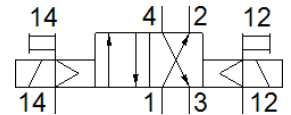
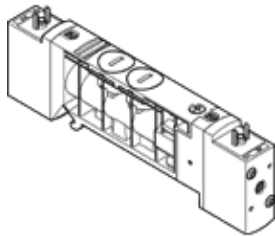
Solenoid valve

VUVB-S-B42-ZD-QX-1C1

Part number: 537535

FESTO

for connection plate or terminal strip, with solenoid coil and manual override, without socket. pneumatic connection prepared for cartridge.
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	1,000 l/min
Working 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
Product weight	220 g
Electrical connection	Plug to EN 175301-803 Design C
Mounting type	with through hole
Auxiliary pilot air port 12/14	Subbase
Pilot exhaust port 84	Non-ducted
Pneumatic connection, port 1	Subbase
Pneumatic connection, port 2	For 18 mm cartridge
Pneumatic connection, port 3	Subbase
Pneumatic connection, port 4	For 18 mm cartridge
Materials note	Free of copper and PTFE

Feature	Value
	Conforms to RoHS
Materials information for seals	FPM HNBR NBR
Materials information, housing	PA-reinforced
Material information, piston spool	Wrought Aluminum alloy