

Solenoid valve

VUVB-S-B42-ZD-Q6-3AC1

Part number: 537599

FESTO

For connection plate or terminal strip, with solenoid coil and manual override, without 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
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	230 V AC: 50/60 Hz, pick-up power 3.1 VA, holding power 2.2 VA
Surge strength	4 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)
CE symbol (see declaration of conformity)	according to EU low voltage guideline
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	QS-6
Pneumatic connection, port 3	Subbase
Pneumatic connection, port 4	QS-6

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