Solenoid valve
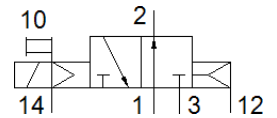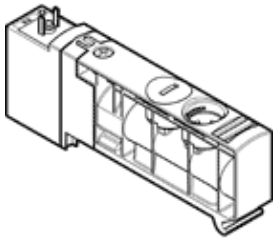# VUVB-S-M32U-AZD-QX-1C1
Part number: 573994

FESTO

This type is suitable for vacuum.

Data sheet

Feature	Value
Valve function	3/2 open, monostable
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
Type of reset	Air spring
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 off	20 ms
Switching time on	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	150 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
Materials note	Free of copper and PTFE Conforms to RoHS

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