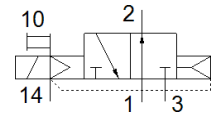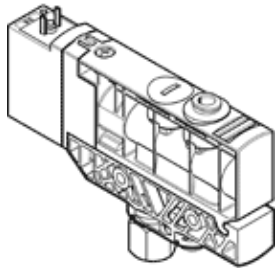# Solenoid valve
VUVB-L-M32U-AZD-T14-2AC1
Part number: 568306

FESTO

This product is only available if ordered from the Festo Corporation, USA.
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	500 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	110 V AC: 50/60 Hz, pick-up power 3.1 VA, holding power 2.2 VA
Surge strength	2.5 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
Max. tightening torque, wall mounting	3 Nm
Product weight	180 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-1/4
Pneumatic connection, port 2	QS-1/4

Feature	Value
Pneumatic connection, port 3	NPT1/4-18
Materials note	Conforms to RoHS
Materials information for subbase	PA-reinforced
Materials information for seals	FPM
	HNBR
	NBR
Materials information, housing	PA-reinforced
Material information, piston spool	Wrought Aluminum alloy