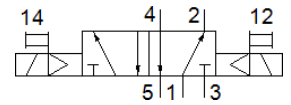
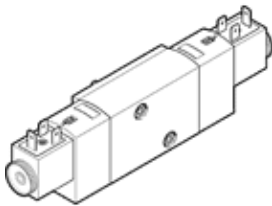


# solenoid valve

## VSNC-F-B52-D-G14-F8-1B2

Part number: 577296

FESTO



## Data sheet

Feature	Value
Valve function	5/2 bistable
Type of actuation	electrical
Width	32 mm
Standard nominal flow rate	1,350 l/min
Operating pressure	1.5 ... 10 bar
Design structure	Piston slide
Protection class	IP65 IP67 to IEC 60529 with plug socket
Authorisation	c UL us - Recognized (OL)
Exhaust-air function	throttleable
Sealing principle	soft
Assembly position	Any
Conforms to standard	VDI/VDE 3845 (NAMUR)
Manual override	detenting Pushing
Type of piloting	Piloted
Pilot air supply	Internal
Flow direction	non reversible
Freedom from overlap	Yes
Signal status display	with accessories
b value	0.4
C value	5.6 l/sbar
Switching time reversal	11 ms
Duty cycle	100%
Characteristic coil data	24 V DC: 3.3 W
Permissible voltage fluctuation	+/- 10 %
Certificate issuing department	DNVGL-TAA000011J
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	2 - Moderate corrosion stress
Medium temperature	-20 ... 60 °C
Ambient temperature	-20 ... 60 °C
Product weight	440 g
Electrical connection	Plug To industry standard (11 mm) Plug pattern type B to EN 175301-803 3-pin
Mounting type	with through hole
Scavenging orifice connection	Non-ducted
Pneumatic connection, port 1	G1/4
Pneumatic connection, port 2	NAMUR port pattern
Pneumatic connection, port 3	G1/4
Pneumatic connection, port 4	NAMUR port pattern

<b>Feature</b>	<b>Value</b>
Pneumatic connection, port 5	G1/4
Materials note	Conforms to RoHS
Material seals	NBR
Material housing	Wrought Aluminium alloy
Material screws	High alloy steel, non-corrosive