

# Solenoid valve

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

FESTO

Part number: 577296



[PDF](#) General operating condition

## Data sheet

Feature	Value
Valve function	5/2 bistable
Type of actuation	Electric
Construction width	32 mm
Standard nominal flow rate (standardised to DIN 1343)	1350 l/min
pneumatic working port	NAMUR port pattern
Operating voltage	24V DC
Operating pressure	0.15 MPa ... 1 MPa
Operating pressure	1.5 bar ... 10 bar
Design	Piston gate valve
Approval	c UL us - Recognized (OL)
Certificate issuing authority	DNVGL-TAA000011J
Degree of protection	IP65 IP67 With plug socket To IEC 60529
Exhaust-air function	With flow control option
Sealing principle	Soft
Mounting position	optional
Conforms to standard	VDI/VDE 3845 (NAMUR)
Manual override	Detenting Non-detenting
Type of piloting	Pilot actuated
Pilot air supply	Internal
Flow direction	Non-reversible
Symbol	00991005
lap	Overlap
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 fluctuations	+/- 10 %
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Corrosion resistance class CRC	2 - Moderate corrosion stress

<b>Feature</b>	<b>Value</b>
LABS (PWIS) conformity	VDMA24364-B2-L
Media temperature	-20 °C ... 60 °C
Ambient temperature	-20 °C ... 60 °C
Product weight	440 g
Electrical connection	Type B Plugs To industry standard (11 mm)
Type of mounting	With through-hole
Breather connection	Not 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
Pneumatic connection, port 5	G1/4
Note on materials	RoHS-compliant
Material seals	NBR
Material housing	Wrought aluminium alloy
Material screws	Galvanised steel