

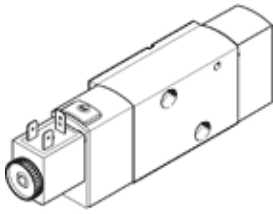
# Solenoid valve

## VSNC-FTC-M52-MD-G14-FN-1A1

Part number: 577297

FESTO

NAMUR valve 1/4", monostable, FN anchor system, poppet valve, with coil.



## Data sheet

Feature	Value
Valve function	5/2 or 3/2, convertible
Type of actuation	electrical
Width	32 mm
Standard nominal flow rate	800 l/min
Operating pressure MPa	0.25 ... 0.8 MPa
Working pressure	2.5 ... 8 bar
Design structure	Poppet seat
Type of reset	mechanical spring
Certificate issuing department	DNVGL-TAA000011J
Protection class	IP65 IP67 with plug socket to IEC 60529
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
Lap	Underlap
Signal status display	with accessories
b value	0.15
C value	3.96 l/sbar
Standard nominal flow rate, exhaust air return 4→3	110 l/min
Switching time off	120 ms
Switching time on	16 ms
Duty cycle	100 %
Characteristic coil data	24 V DC: 0.7 W
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	2 - Moderate corrosion stress
PWIS conformity	VDMA24364-B2-L
Medium temperature	-20 ... 60 °C
Ambient temperature	-20 ... 60 °C
Product weight	495 g
Electrical connection	Plug pattern type A to EN 175301-803 to EN 175301-803
Mounting type	with through hole
Scavenging orifice connection	Non-ducted

Feature	Value
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
Materials note	Conforms to RoHS
Material seals	NBR
Material housing	Wrought Aluminum alloy
Material screws	Galvanized steel