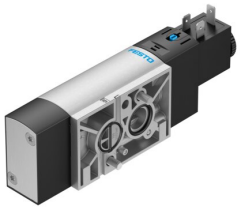
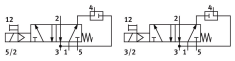
Air solenoid valve
VSNC-FC-M52-MD-G14-F8-1B2

Part number: 577295





Data sheet

Feature	Value
Valve function	5/2- or 3/2-way, switchable
Actuation type	Electrical
Width	32 mm
Normal nominal flow rate (normalized to DIN 1343)	1250 l/min
Pneumatic working port	NAMUR connection pattern
Operating voltage	24V DC
Operating pressure	0.25 MPa...1 MPa 2.5 bar...10 bar
Structural design	Piston gate valve
Reset method	Mechanical spring
Certification	c UL us - recognized (OL)
Certificate issuing authority	DNVGL-TAA000011J
Degree of protection	IP65 IP67 With plug socket As per IEC 60529
Exhaust air function	Adjustable
Sealing principle	Soft
Mounting position	Any
Conforms to standard	VDI/VDE 3845 (NAMUR)
Manual override	Detenting Non-detenting
Type of control	Piloted
Pilot air supply port	Internal
Flow direction	Non-reversible
Lap	Positive overlap
Signal status display	With accessories
b-value	0.4
C value	5.2 l/sbar
Standard nominal flow rate, exhaust air return 4->3	110 l/min
Switching time off	48 ms
On switching time	11 ms
Duty cycle	100%

Feature	Value
Coil characteristics	24 V DC: 3.3 W
Permissible voltage fluctuations	+/- 10%
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
Temperature of medium	-20 °C...60 °C
Ambient temperature	-20 °C...60 °C
Product weight	380 g
Electrical connection	3-pin Form B Plug As per industry standard (11 mm)
Type of mounting	With through-hole
Venting hole connection	Not ducted
Pneumatic connection 1	G1/4
Pneumatic connection 2	NAMUR connection pattern
Pneumatic connection 3	G1/4
Pneumatic connection 4	NAMUR connection pattern
Pneumatic connection 5	G1/4
Note on materials	RoHS compliant
Seals material	NBR
Housing material	Wrought aluminum alloy
Material of screws	Galvanized steel