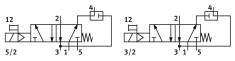
Air solenoid valve
VSNC-FC-M52-MD-N14-FN

Part number: 577272





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	Via solenoid coil, to be ordered separately
Operating pressure	0.25 MPa...0.8 MPa 2.5 bar...8 bar
Structural design	Piston gate valve
Reset method	Mechanical spring
Certificate issuing authority	DNVGL-TAA000011J
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	92 ms
On switching time	35 ms
Duty cycle	100%
Coil characteristics	See solenoid coil, to be ordered separately
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

Feature	Value
LABS (PWIS) conformity	VDMA24364-B2-L
Temperature of medium	-20 °C...60 °C
Ambient temperature	-20 °C...60 °C
Product weight	415 g
Type of mounting	With through-hole
Venting hole connection	Not ducted
Pneumatic connection 1	1/4 NPT
Pneumatic connection 2	NAMUR connection pattern
Pneumatic connection 3	1/4 NPT
Pneumatic connection 4	NAMUR connection pattern
Pneumatic connection 5	1/4 NPT
Note on materials	RoHS compliant
Seals material	NBR
Housing material	Wrought aluminum alloy
Material of screws	Galvanized steel