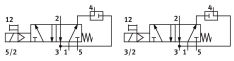
Solenoid valve
VSNC-FC-M52-MD-G14-F8

Part number: 577257





Data sheet

Feature	Value
Valve function	5/2-way or 3/2-way, convertible
Type of actuation	Electrical
Construction width	32 mm
Standard nominal flow rate (standardised to DIN 1343)	1250 l/min
pneumatic working port	Connection pattern to NAMUR
Operating voltage	Via solenoid coil, must be ordered separately
Operating pressure	0.25 MPa...1 MPa 2.5 bar...10 bar
Design	Piston gate valve
Type of reset	Mechanical spring
Approval	c UL us - Recognised (Oil)
Certificate issuing authority	DNVGL-TAA000011J
Exhaust-air function	Can be throttled
Sealing principle	Soft
Mounting position	Any
Conforms to standard	VDI/VDE 3845 (NAMUR)
Manual override	Detenting Non-detenting
Type of piloting	Piloted
Pilot air supply	Internal
Flow direction	Non-reversible
lap	Overlap
Signal status display	With accessories
b value	0.4
C value	5.2 l/sbar
Standard nominal flow rate, exhaust return 4->3	110 l/min
Switching time off	48 ms
Switching time on	11 ms
Duty cycle	100%
Characteristic coil data	See solenoid coil, to be ordered separately
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]

Feature	Value
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
LABS (PWIS) conformity	VDMA24364-B2-L
Media temperature	-20 °C...60 °C
Ambient temperature	-20 °C...60 °C
Product weight	335 g
Type of mounting	With through-hole
Breather connection	Not ducted
Pneumatic connection, port 1	G1/4
Pneumatic connection, port 2	Connection pattern to NAMUR
Pneumatic connection, port 3	G1/4
Pneumatic connection, port 4	Connection pattern to NAMUR
Pneumatic connection, port 5	G1/4
Note on materials	RoHS compliant
Material seals	NBR
Material housing	Wrought aluminium alloy
Material screws	Galvanised steel