

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

Part number: 577 257

FESTO



Data sheet

Feature	Value
Valve function	5/2-way or 3/2-way, convertible
Type of actuation	Electric
Construction width	32 mm
Standard nominal flow rate (standardised to DIN 1343)	1250 l/min
pneumatic working port	NAMUR port pattern
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 - Recognized (OL)
Certificate issuing authority	DNVGL-TAA000011J
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
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]

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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	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