

Solenoid valve

VSNC-F-P53U-MD-N14-FN

Part number: 577275

FESTO

NAMUR valve 1/4", mid-position pressurized, FN armature system.



Data sheet

Feature	Value
Valve function	5/3 pressurized
Type of actuation	electrical
Width	32 mm
Standard nominal flow rate	950 l/min
Operating pressure MPa	0.3 ... 0.8 MPa
Working pressure	3 ... 8 bar
Design structure	Piston slide
Type of reset	mechanical spring
Certificate issuing department	DNVGL-TAA000011J
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	Positive overlap
Signal status display	with accessories
b value	0.5
C value	2.1 l/sbar
Switching time off	103 ms
Switching time on	23 ms
Switching time reversal	55 ms
Duty cycle	100 %
Characteristic coil data	See solenoid coil, to be ordered separately
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	450 g
Mounting type	with through hole
Scavenging orifice connection	Non-ducted
Pneumatic connection, port 1	1/4 NPT
Pneumatic connection, port 2	NAMUR port pattern
Pneumatic connection, port 3	1/4 NPT
Pneumatic connection, port 4	NAMUR port pattern
Pneumatic connection, port 5	1/4 NPT
Materials note	Conforms to RoHS
Material seals	NBR
Material housing	Wrought Aluminum alloy
Material screws	Galvanized steel