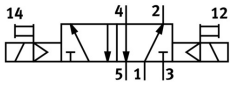
Solenoid valve
VSNC-F-B52-D-G14-FN

Part number: 577268



General operating condition

Data sheet

Feature	Value
Valve function	5/2 double solenoid
Type of actuation	Electric
Construction width	32 mm
Standard nominal flow rate	1350 l/min
pneumatic working port	NAMUR port pattern
Operating voltage	Via solenoid coil, must be ordered separately
Operating pressure	0.15 MPa ... 0.8 MPa
Operating pressure	1.5 bar ... 8 bar
Design	Piston gate valve
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
Symbol	00991005
lap	Overlap
Signal status display	With accessories
b value	0.4
C value	5.6 l/sbar
Switching time reversal	20 ms
Duty cycle	100%
Characteristic coil data	See solenoid coil, to be ordered separately
Explosion protection	The information in the certificate must be observed! Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
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

Feature	Value
Media temperature	-20 °C ... 60 °C
Ambient temperature	-20 °C ... 60 °C
Product weight	455 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