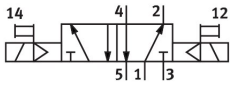
Air solenoid valve
VSNC-FT-B52-D-G14-FN-1A1

Part number: 577298





Data sheet

Feature	Value
Valve function	5/2-way, bistable
Actuation type	Electrical
Width	32 mm
Normal nominal flow rate (normalized to DIN 1343)	1000 l/min
Pneumatic working port	NAMUR connection pattern
Operating voltage	24V DC
Operating pressure	0.15 MPa...0.8 MPa 1.5 bar...8 bar
Structural design	Plate seat
Certificate issuing authority	DNVGL-TAA000011J
Degree of protection	IP65 IP67 With plug socket As per IEC 60529
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	Negative overlap
Signal status display	With accessories
b-value	0.24
C value	4.6 l/sbar
Changeover time	16 ms
Duty cycle	100%
Coil characteristics	24 V DC: 0.7 W
Permissible voltage fluctuations	+/- 10%
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)

Feature	Value
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
Temperature of medium	-20 °C...60 °C
Ambient temperature	-20 °C...60 °C
Product weight	635 g
Electrical connection	Type A As per EN 175301-803
Type of mounting	With through-hole
Venting hole connection	Not ducted
Pneumatic connection 1	G1/4
Pneumatic connection 2	NAMUR connection pattern
Pneumatic connection 3	G1/4
Pneumatic connection 4	NAMUR connection pattern
Pneumatic connection 5	G1/4
Note on materials	RoHS compliant
Seals material	NBR
Housing material	Wrought aluminum alloy
Material of screws	Galvanized steel