

Air solenoid valve VSNC-FT-B52-D-N14-FN

Part number: 577280

FESTO



Data sheet

Feature	Value
Valve function	5/2, bistable
Actuation type	Electrical
Width	32 mm
Standard nominal flow rate	1000 l/min
Pneumatic working port	NAMUR connection diagram
Operating voltage	Via solenoid coil, to be ordered separately
Operating pressure	0.15 MPa...0.8 MPa 1.5 bar...8 bar
Structural design	Plate seat
Certificate issuing authority	DNVGL-TAA000011J
Exhaust air function	With flow control option
Sealing principle	Soft
Mounting position	Any
Conforms to standard	VDI/VDE 3845 (NAMUR)
Manual override	Detenting Non-detenting
Type of control	Pilot-controlled
Pilot air supply port	Internal
Flow direction	Non-reversible
Lap	Underlap
Signal status display	With accessories
b-value	0.24
C value	4.6 l/sbar
Changeover time	16 ms
Duty cycle	100%
Coil characteristics	See solenoid coil, to be ordered separately
Explosion prevention and protection	Observe the information on the certificate Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)
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	445 g
Type of mounting	With through-hole
Venting hole connection	Not ducted
Pneumatic connection 1	1/4 NPT
Pneumatic connection 2	NAMUR connection diagram
Pneumatic connection 3	1/4 NPT
Pneumatic connection 4	NAMUR connection diagram
Pneumatic connection 5	1/4 NPT
Note on materials	RoHS-compliant
Seals material	NBR
Housing material	Wrought aluminum alloy
Material of screws	Steel, galvanized