# Air Solenoid valve
VSNC-FT-B52-H-G14-F19
Part number: 8116370
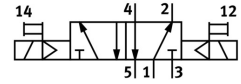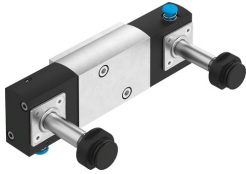
📄 General operating condition

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
Operating pressure	1.5 bar ... 8 bar
Structural design	Plate seat
Exhaust air function	With flow control option
Sealing principle	Soft
Mounting position	Any
Conforms to standard	VDI/VDE 3845 (NAMUR)
Manual override	Non-detenting
Type of control	Pilot-controlled
Pilot air supply port	Internal
Flow direction	Non-reversible
Symbol	00991005
Lap	Underlap
Changeover time	20 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)
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	613 g
Type of mounting	With through-hole
Venting hole connection	Not ducted
Pneumatic connection 1	G1/4

Feature	Value
Pneumatic connection 2	NAMUR connection diagram
Pneumatic connection 3	G1/4
Pneumatic connection 4	NAMUR connection diagram
Pneumatic connection 5	G1/4
Note on materials	RoHS-compliant
Seals material	NBR
Housing material	Wrought aluminum alloy
Material of screws	Steel, galvanized