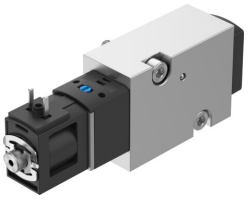
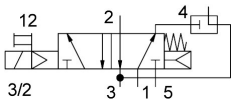
Solenoid valve
VSNC-FK-M32C-RD-G18-1C1-S

Part number: 8166611





Data sheet

Feature	Value
Valve function	3/2-way, closed, monostable
Actuation type	Electrical
Width	25.5 mm
Normal nominal flow rate (normalized to DIN 1343)	400 l/min
Pneumatic working port	NAMUR connection pattern
Operating voltage	24V DC
Operating pressure	0.25 MPa...0.8 MPa 2.5 bar...8 bar
Structural design	Piston slide with sealing ring
Reset method	Mechanical spring Pneumatic spring
Degree of protection	IP65
Exhaust air function	Adjustable
Sealing principle	Soft
Mounting position	Any
Conforms to standard	VDI/VDE 3845 (NAMUR)
Manual override	Detenting
Type of control	Piloted
Pilot air supply port	Internal
Flow direction	Non-reversible
Lap	Positive overlap
b-value	0.3
C value	2.1 l/sbar
Standard nominal flow rate, exhaust air return 4->3	100 l/min
Switching time off	50 ms
On switching time	50 ms
Duty cycle	100%
Coil characteristics	24 V DC: 2.4 W
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)	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364 Zone III

Feature	Value
Storage temperature	-20 °C...60 °C
Temperature of medium	-20 °C...50 °C
Ambient temperature	-20 °C...50 °C
Product weight	220 g
Electrical connection	Type C
Type of mounting	With through-hole
Venting hole connection	Not ducted
Pneumatic connection 1	G1/8
Pneumatic connection 2	NAMUR connection pattern
Pneumatic connection 3	G1/8
Pneumatic connection 4	NAMUR connection pattern
Pneumatic connection 5	G1/8
Note on materials	RoHS compliant
Cover material	PA-reinforced
Seals material	NBR
Housing material	Wrought aluminum alloy
Manual override material	PA-reinforced
Material of piston	Wrought aluminum alloy
Material of screws	high-alloy stainless steel