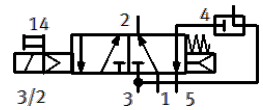
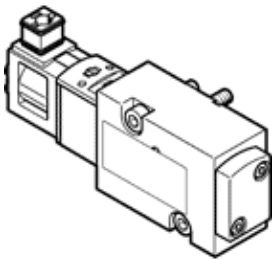


solenoid valve

VSNC-FKA-M32C-RD-G18-1C1-S

Part number: 8166612

FESTO



Data sheet

Feature	Value
Valve function	3/2 closed, monostable Connections swapped
Type of actuation	electrical
Width	25.5 mm
Standard nominal flow rate	400 l/min
Operating pressure MPa	0.25 ... 0.8 MPa
Operating pressure	2.5 ... 8 bar
Design structure	Piston slide with sealing ring
Type of reset	mechanical spring Air spring
Protection class	IP65
Exhaust-air function	throttleable
Sealing principle	soft
Assembly position	Any
Conforms to standard	VDI/VDE 3845 (NAMUR)
Manual override	detenting
Type of piloting	Piloted
Pilot air supply	Internal
Flow direction	non reversible
Overlap	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
Switching time on	≤ 50 ms
Duty cycle	100 %
Characteristic coil data	24 V DC: 2.4 W
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
Corrosion resistance classification CRC	1 - Low corrosion stress
PWIS conformity	VDMA24364 zone III
Storage temperature	-20 ... 60 °C
Medium temperature	-20 ... 50 °C
Ambient temperature	-20 ... 50 °C
Product weight	220 g
Electrical connection	Plug pattern type C to EN 175301-803
Mounting type	with through hole
Scavenging orifice connection	Non-ducted
Pneumatic connection, port 1	G1/8
Pneumatic connection, port 2	NAMUR port pattern
Pneumatic connection, port 3	G1/8
Pneumatic connection, port 4	NAMUR port pattern
Pneumatic connection, port 5	G1/8
Materials note	Conforms to RoHS
Material cover	PA-reinforced

Feature	Value
Material seals	NBR
Material housing	Wrought Aluminium alloy
Manual override material	PA-reinforced
Material piston	Wrought Aluminium alloy
Material screws	High alloy steel, non-corrosive