

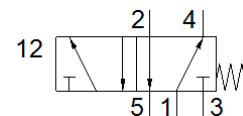
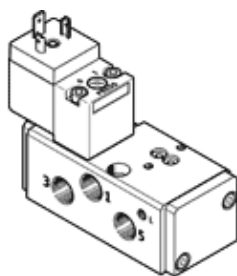
Solenoid valve

VSNB-F-M52-MH-G14-1A1

Part number: 547028
Product to be discontinued

FESTO

with Namur port pattern per VDE/VDI 3845, with pilot valve



Data sheet

Feature	Value
Valve function	5/2 monostable
Type of actuation	electrical
Width	44.5 mm
Standard nominal flow rate	950 l/min
Working pressure	2.5 ... 8 bar
Design structure	Piston slide
Type of reset	mechanical spring
Protection class	IP65
Nominal size	8 mm
Exhaust-air function	throttleable
Sealing principle	soft
Assembly position	Any
Conforms to standard	VDI/VDE 3845 (NAMUR)
Manual override	detenting Pushing
Type of piloting	Piloted
Flow direction	non reversible
Freedom from overlap	Yes
Pilot pressure	2.5 ... 8 bar
Switching time off	100 ms
Switching time on	30 ms
Duty cycle	100%
Characteristic coil data	24 V DC: 2.1 W
Permissible voltage fluctuation	-15 % / +10 %
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	2
Medium temperature	-10 ... 60 °C
Pilot medium	Compressed air in accordance with ISO8573-1:2010 [7:-:-]
Ambient temperature	-10 ... 60 °C
Product weight	510 g
Electrical connection	Per DIN EN 175301-803 Design A
Mounting type	On subbase
Scavenging orifice connection	M5
Pneumatic connection, port 1	G1/4
Pneumatic connection, port 2	Subbase
Pneumatic connection, port 3	G1/4
Pneumatic connection, port 4	Subbase
Pneumatic connection, port 5	G1/4
Materials note	Contains PWIS substances Conforms to RoHS
Materials information for seals	HNBR NBR
Materials information, housing	Wrought Aluminum alloy Anodized
Screw material data	High alloy steel, non-corrosive