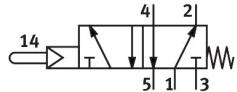


# Stem actuated valve VMEF-SC-M52-M-N18

FESTO

Part number: 8031322



[PDF](#) General operating condition

## Data sheet

Feature	Value
Valve function	5/2, monostable
Actuation type	Mechanical
Width	20 mm
Standard nominal flow rate	750 l/min
Pneumatic working port	1/8 NPT
Operating pressure	0.25 MPa ... 1 MPa
Operating pressure	2.5 bar ... 10 bar
Structural design	Piston gate valve
Reset method	Mechanical spring
Nominal width	5.2 mm
Application note	Do not use as mechanical stop
Sealing principle	Soft
Mounting position	Any
Type of control	Pilot-controlled
Pilot air supply port	Internal
Flow direction	Non-reversible
Symbol	00992218
Lap	Overlap
Pilot pressure MPa	0.25 MPa ... 1 MPa
Pilot pressure	2.5 bar ... 10 bar
Pilot pressure psi	36.25 psi ... 145 psi
Max. switching frequency	3 Hz
Explosion prevention and protection	Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)
Operating medium	Compressed air as per ISO 8573-1:2010 [7:-:-]
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-B1/B2-L
Temperature of medium	-10 °C ... 60 °C
Ambient temperature	-10 °C ... 60 °C
Actuating force	14 N
Product weight	151 g
Type of mounting	With through-hole
Pilot air port 12/14	M5

Feature	Value
Pneumatic connection 1	1/8 NPT
Pneumatic connection 2	1/8 NPT
Pneumatic connection 3	1/8 NPT
Pneumatic connection 4	1/8 NPT
Pneumatic connection 5	1/8 NPT
Note on materials	RoHS-compliant
Cover material	PA-reinforced
Seals material	NBR
Housing material	Wrought aluminum alloy, anodized