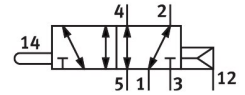


Stem actuated valve VMEF-S-M52-E-N14

Part number: 8031314

FESTO



General operating condition

Data sheet

Feature	Value
Valve function	5/2, monostable
Actuation type	Mechanical
Width	20 mm
Normal nominal flow rate (normalized to DIN 1343)	1200 l/min
Pneumatic working port	1/4 NPT
Operating pressure	-0.095 MPa ... 1 MPa
Operating pressure	-0.95 bar ... 10 bar
Structural design	Piston gate valve
Reset method	Pneumatic spring
Nominal width	7 mm
Application note	Do not use as mechanical stop
Sealing principle	Soft
Mounting position	Any
Type of control	Direct
Flow direction	Reversible
Symbol	00992217
Lap	Overlap
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	48 N
Product weight	177 g
Type of mounting	With through-hole
Pilot air port 12/14	M5
Pneumatic connection 1	1/4 NPT
Pneumatic connection 2	1/4 NPT
Pneumatic connection 3	1/4 NPT
Pneumatic connection 4	1/4 NPT

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