

# On/off valve MS4-EE-1/4-V24-F1A-B

Part number: 8176512

FESTO



General operating condition

## Data sheet

Feature	Value
Series	MS
Size	4
Width dimension	40 mm
Structural design	Poppet valve, electrically actuated
Manual override	Detenting Non-detenting
Reset method	Mechanical spring
Type of control	Pilot-controlled
Symbol	00991008
Valve function	3/2, closed, monostable
Operating pressure	0.3 MPa ... 0.7 MPa
Operating pressure	3 bar ... 7 bar
Lap	Underlap
C value	8.36 l/sbar
b-value	0.49
Standard nominal flow rate	2000 l/min
Standard flow rate exhaust 6→0 bar	1600 l/min
Coil characteristics	24 V DC: 2.3 W
Permissible voltage fluctuations	+/- 10 %
On time	29 ms
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Corrosion resistance class (CRC)	1 - Low corrosion stress
Note on materials	RoHS-compliant
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Suitability for the production of Li-ion batteries	Metals with more than 1% by mass of copper, zinc or nickel by mass are excluded from use. Exceptions are nickel in steel, chemically nickel-plated surfaces, printed circuit boards, cables, electrical plug connectors and coils
Cleanroom class	Class 7 according to ISO 14644-1
Temperature of medium	-5 °C ... 50 °C
Degree of protection	IP65
Ambient temperature	-5 °C ... 50 °C
Type of mounting	With wall/surface bracket
Mounting position	Vertical +/- 5°
Product weight	194 g
Pneumatic connection 1	G1/4
Pneumatic connection 2	G1/4

<b>Feature</b>	<b>Value</b>
Pneumatic connection 3	G1/4
Pilot air supply port	Internal
Electrical connection	Form C as per EN 175301-803
Signal status display	With accessories
Seals material	HNBR NBR
Housing material	PA-reinforced