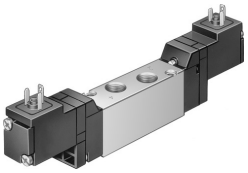
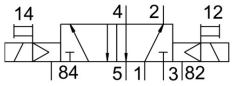
Air solenoid valve
JMEBH-5/2-1/8-P-B

Part number: 173036

FESTO





Data sheet

Feature	Value
Valve function	5/2, bistable
Actuation type	Electrical
Width	17.8 mm
Standard nominal flow rate	650 l/min
Pneumatic working port	G1/8
Operating voltage	24V DC
Operating pressure	1.5 bar ... 8 bar
Structural design	Piston gate valve
Reset method	Pneumatic spring
Certification	c UL us - Recognized (OL)
Degree of protection	IP65
Nominal width	5 mm
Width dimension	18 mm
Type code	JMEBH
Exhaust air function	With flow control option
Sealing principle	Soft
Mounting position	Any
Manual override	Detenting via accessory
Type of control	Pilot-controlled
Pilot air supply port	Internal
Flow direction	Non-reversible
Symbol	00991013
Lap	Overlap
Pilot pressure	1.5 bar ... 8 bar
b-value	0.42
C value	3.25 l/sbar
Changeover time	10 ms
Duty cycle	100%
Coil characteristics	24 V DC: 2.5 W
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Vibration resistance	Transport application test with severity level 1 as per FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
Storage temperature	-20 °C ... 40 °C

Feature	Value
Temperature of medium	-5 °C ... 50 °C
Noise level	75 dB(A)
Pilot medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Ambient temperature	-5 °C ... 50 °C
Product weight	142 g
Electrical connection	Form C Plug as per EN 175301-803 Rectangular design
Type of mounting	On terminal strip
Pilot exhaust air port 82/84	Sub-base
Pneumatic connection 1	Sub-base
Pneumatic connection 2	G1/8
Pneumatic connection 3	Sub-base
Pneumatic connection 4	G1/8
Pneumatic connection 5	Sub-base
Note on materials	RoHS-compliant
Seals material	HNBR NBR
Housing material	Die-cast aluminum