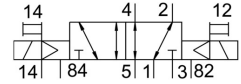
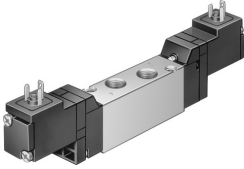


Air solenoid valve

JMEBH-5/2-1/8-P-S-B-230AC

FESTO

Part number: 173097



Data sheet

Feature	Value
Valve function	5/2, bistable
Lap	Overlap
Actuation type	Electrical
Width	17.8 mm
Standard nominal flow rate	650 l/min
Pneumatic working port	G1/8
Operating voltage	230V AC
Operating pressure	-0.9 bar ... 10 bar
Design	Piston gate valve
Reset method	Pneumatic spring
Degree of protection	IP65
Certification	c UL us - Recognized (OL)
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	External
Flow direction	Reversible
Symbol	00991196
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	230 V AC: 50/60 Hz, initial power 3.0 VA, holding power 2.4 VA
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)
CE marking (see declaration of conformity)	As per EU low voltage directive
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

Feature	Value
Storage temperature	-20 °C ... 40 °C
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
Pilot air port 12	M3
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