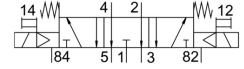
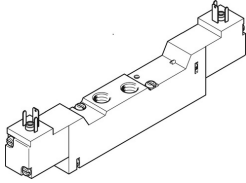


Air solenoid valve

MEBH-5/3E-1/8-P-B-110AC

Part number: 173063

FESTO



Data sheet

Feature	Value
Valve function	5/3, exhausted
Lap	Overlap
Actuation type	Electrical
Width	17.8 mm
Standard nominal flow rate	500 l/min
Pneumatic working port	G1/8
Operating voltage	110V AC
Operating pressure	3 bar ... 8 bar
Design	Piston gate valve
Reset method	Mechanical spring
Degree of protection	IP65
Certification	c UL us - Recognized (OL)
Nominal width	5 mm
Width dimension	18 mm
Type code	MEBH
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	00991036
Pilot pressure	3 bar ... 8 bar
b-value	0.48
C value	1 l/sbar
Switching time off	25 ms
On switching time	12 ms
Duty cycle	100%
Coil characteristics	110 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

Feature	Value
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
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	153 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