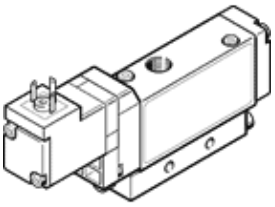
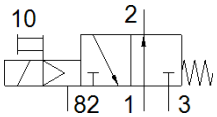
solenoid valve
MOEBH-3/2-1/8-B-110AC

Part number: 173053

FESTO

With solenoid coil and manual override, without plug socket.





Data sheet

Feature	values
Valve function	3/2 open, monostable
Type of actuation	electrical
Width	17.8 mm
Standard nominal flow rate	500 l/min
Operating pressure	2 ... 8 bar
Design structure	Piston slide
Type of reset	mechanical spring
Protection class	IP65
Authorisation	c UL us - Recognized (OL)
Nominal size	5 mm
Grid dimension	18 mm
Exhaust-air function	throttleable
Sealing principle	soft
Assembly position	Any
Manual override	with accessories, detenting
Type of piloting	Piloted
Pilot air supply	Internal
Flow direction	non reversible
Freedom from overlap	Yes
Note on forced dynamisation	Switching frequency at least once a week
b value	0.3
C value	2.2 l/sbar
Switching time off	28 ms
Switching time on	10 ms
Duty cycle	100%
Characteristic coil data	110 V AC: 50/60 Hz, pick-up power 3 VA, holding power 2.4 VA
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
CE mark (see declaration of conformity)	to EU directive low-voltage devices
Vibration resistance	Transport application test at severity level 1 in accordance with FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27
Corrosion resistance classification CRC	2 - Moderate corrosion stress
Storage temperature	-20 ... 40 °C
Medium temperature	-5 ... 50 °C
Sound pressure level	75 dB(A)
Pilot medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Ambient temperature	-5 ... 50 °C
Product weight	105 g
Electrical connection	Plug Cubic design to EN 175301-803

Feature	values
	Design C
Mounting type	with through hole
Pilot exhaust port 82/84	M5
Pneumatic connection, port 1	G1/8
Pneumatic connection, port 2	G1/8
Pneumatic connection, port 3	G1/8
Materials note	Conforms to RoHS
Materials information for seals	HNBR NBR
Materials information, housing	Aluminium die cast