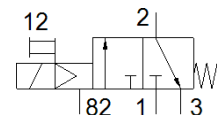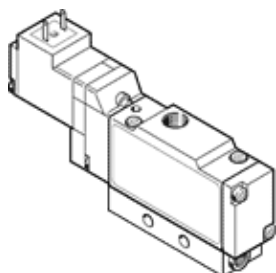# solenoid valve
MEH-3/2-1/8-B

Part number: 173124
Product to be discontinued

FESTO

Midi Pneumatic, with solenoid coil and manual override, without socket.

Type to be discontinued. Available until 2023. See Support Portal for alternative products.

Data sheet

Feature	Value
Valve function	3/2 closed, monostable
Type of actuation	electrical
Width	17.8 mm
Standard nominal flow rate	600 l/min
Operating pressure	2 ... 8 bar
Design structure	Piston slide
Type of reset	mechanical spring
Authorisation	c UL us - Recognized (OL)
Protection class	IP65
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
Overlap	Positive overlap
b value	0.36
C value	2.55 l/sbar
Switching time off	28 ms
Switching time on	10 ms
Duty cycle	100 %
Characteristic coil data	24 V DC: 1.5 W
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)
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	Connection pattern type C to industry standard, 9.4 mm Plug Cubic design

Feature	Value
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
Material seals	HNBR
	NBR
Material housing	Aluminium die cast