

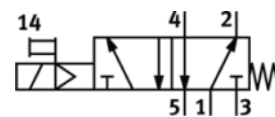
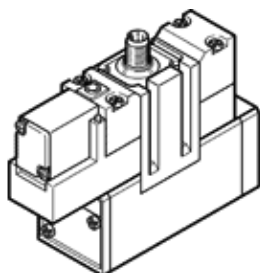
# Solenoid valve

## MEBH-5/2-D-1-ZSR-FR-C

Part number: 184494

FESTO

With central plug connector



## Data sheet

Feature	values
Valve function	5/2 monostable
Type of actuation	electrical
Width	42 mm
Standard nominal flow rate	1,200 l/min
Operating pressure	3 ... 10 bar
Design structure	Piston slide
Type of reset	mechanical spring
Protection class	IP65
Nominal size	8 mm
Grid dimension	43 mm
Exhaust-air function	throttleable
Sealing principle	soft
Assembly position	Any
Conforms to standard	ISO 5599-1
Manual override	with accessories, detenting Pushing
ISO code	152
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
Switching time off	50 ms
Switching time on	15 ms
Duty cycle	100%
Characteristic coil data	24V DC: 2,5W
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)
Medium temperature	-5 ... 50 °C
Ambient temperature	-5 ... 50 °C
Vibration resistance	Transport application test at severity level 1 in accordance with FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test SG2 to FN/EN
Product weight	550 g
Electrical connection	M12x1 Central plug Round design
Mounting type	On sub-base with through hole
Pilot exhaust port 82	Non-ducted
Pilot exhaust port 84	Non-ducted
Pneumatic connection, port 1	Connection plate size 1 as per ISO 5599-1
Pneumatic connection, port 2	Connection plate size 1 as per ISO 5599-1

Feature	values
Pneumatic connection, port 3	Connection plate size 1 as per ISO 5599-1
Pneumatic connection, port 4	Connection plate size 1 as per ISO 5599-1
Pneumatic connection, port 5	Connection plate size 1 as per ISO 5599-1
Materials information for seals	HNBR NBR
Materials information, housing	Aluminium die cast