

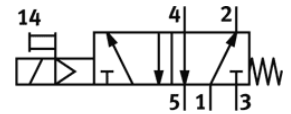
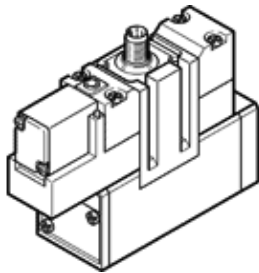
solenoid valve

MEBH-5/2-D-3-ZSR-FR-C

Part number: 184508

FESTO

With central plug connector



Data sheet

Feature	Value
Valve function	5/2 monostable
Type of actuation	electrical
Width	65 mm
Standard nominal flow rate	4,500 l/min
Operating pressure MPa	0.3 ... 1 MPa
Operating pressure	3 ... 10 bar
Design structure	Piston slide
Type of reset	mechanical spring
Protection class	IP65
Nominal size	14.5 mm
Grid dimension	71 mm
Exhaust-air function	throttleable
Sealing principle	soft
Assembly position	Any
Conforms to standard	ISO 5599-1
Manual override	Pushing
ISO code	351
Type of piloting	Piloted
Pilot air supply	Internal
Flow direction	non reversible
Switching time off	109 ms
Switching time on	28 ms
Characteristic coil data	24 V DC: 2.5 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)
Corrosion resistance classification CRC	2 - Moderate corrosion stress
PWIS conformity	VDMA24364-B1/B2-L
Medium temperature	-10 ... 50 °C
Ambient temperature	-10 ... 50 °C
Product weight	1,000 g
Electrical connection	M12x1 Central plug Round design
Mounting type	with through hole
Pilot exhaust port 84	Non-ducted
Pneumatic connection, port 1	Connection plate size 3 as per ISO 5599-1
Pneumatic connection, port 2	Connection plate size 3 as per ISO 5599-1
Pneumatic connection, port 3	Connection plate size 3 as per ISO 5599-1
Pneumatic connection, port 4	Connection plate size 3 as per ISO 5599-1
Pneumatic connection, port 5	Connection plate size 3 as per ISO 5599-1
Material seals	NBR
Material housing	Aluminium die cast