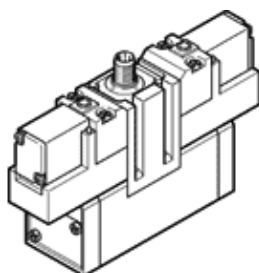# solenoid valve
MEBH-5/3B-D-3-ZSR-C
Part number: 184513

FESTO

With central plug connector

Data sheet

Feature	Value
Valve function	5/3 pressurised
Type of actuation	electrical
Width	65 mm
Standard nominal flow rate	4,000 l/min
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	358
Type of piloting	Piloted
Pilot air supply	Internal
Flow direction	non reversible
Switching time off	130 ms
Switching time on	38 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
Medium temperature	-10 … 50 °C
Ambient temperature	-10 … 50 °C
Product weight	1,120 g
Electrical connection	Central plug Round design M12x1
Mounting type	with through hole
Pilot exhaust port 82	Non-ducted
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