

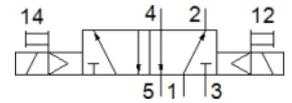
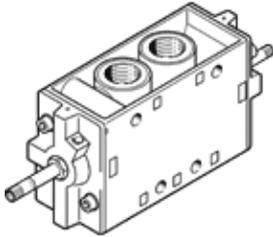
Solenoid valve

JMFH-5-1/2

Part number: 10166

FESTO

With manual overrides, without solenoid coils or sockets. Solenoid coils and sockets should be ordered separately.



Data sheet

Feature	values
Valve function	5/2 bistable
Type of actuation	electrical
Standard nominal flow rate	4,500 l/min
Operating pressure	2 ... 8 bar
Design structure	Poppet seat
Protection class	IP65
Nominal size	14 mm
Exhaust-air function	throttleable
Sealing principle	soft
Assembly position	Any
Manual override	detenting
Type of piloting	Piloted
Flow direction	non reversible
b value	0.3
C value	19.5 l/sbar
Switching time reversal	16 ms
Operating medium	Filtered compressed air, grade of filtration 40 µm, lubricated or unlubricated
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
Medium temperature	-10 ... 60 °C
Ambient temperature	-5 ... 40 °C
Product weight	1,210 g
Electrical connection	Via F coil, must be ordered separately
Mounting type	on manifold rail with through hole Optional
Pilot exhaust port 82	M5
Pilot exhaust port 84	M5
Pneumatic connection, port 1	G1/2
Pneumatic connection, port 2	G1/2
Pneumatic connection, port 3	G1/2
Pneumatic connection, port 4	G1/2
Pneumatic connection, port 5	G1/2
Materials information for seals	NBR TPE-U(PU)
Materials information, housing	Aluminium die cast Steel POM Aluminium