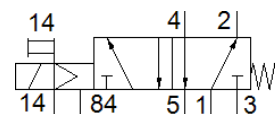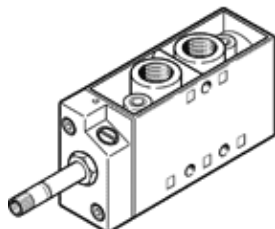# solenoid valve
MFH-5-1/8-S
Part number: 10348

FESTO

With manual override, without solenoid coil or socket. Solenoid coil and socket should be ordered separately.

Data sheet

Feature	values
Valve function	5/2 monostable
Type of actuation	electrical
Width	26 mm
Standard nominal flow rate	500 l/min
Operating pressure	0 ... 10 bar
Design structure	Poppet seat
Type of reset	mechanical spring
Protection class	IP65
Authorisation	c UL us - Recognized (OL)
Nominal size	5 mm
Grid dimension	27 mm
Exhaust-air function	throttleable
Sealing principle	soft
Assembly position	Any
Manual override	detenting
Type of piloting	Piloted
Pilot air supply	external
Flow direction	non reversible
Freedom from overlap	No
Note on forced dynamisation	Switching frequency at least once a week
Pilot pressure	1 ... 8 bar
Switching time off	36 ms
Switching time on	8 ms
Max. positive test pulse with logic 0	2,200 µs
Max. negative test pulse with logic 1	3,700 µs
Characteristic coil data	See solenoid coil, to be ordered separately
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	1 - Low corrosion stress
Storage temperature	-20 ... 60 °C
Medium temperature	-10 ... 60 °C
Pilot medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Ambient temperature	-5 ... 40 °C
Product weight	270 g
Electrical connection	Via F coil, must be ordered separately
Mounting type	Optional on manifold rail with through hole
Pilot exhaust port 84	M5
Pilot air port 14	M5
Pneumatic connection, port 1	G1/8
Pneumatic connection, port 2	G1/8

Feature	values
Pneumatic connection, port 3	G1/8
Pneumatic connection, port 4	G1/8
Pneumatic connection, port 5	G1/8
Materials note	Conforms to RoHS
Materials information for seals	NBR
Materials information, housing	Aluminium die cast