

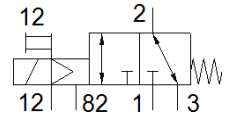
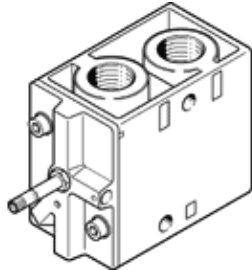
# solenoid valve MFH-3-3/4-S

Part number: 11968

FESTO

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

This type is suitable for vacuum.



## Data sheet

Feature	Value
Valve function	3/2 closed, monostable
Type of actuation	electrical
Width	68 mm
Standard nominal flow rate	7,500 l/min
Operating pressure	-0.95 ... 10 bar
Design structure	Poppet seat
Type of reset	mechanical spring
Authorisation	c UL us - Recognized (OL)
Protection class	IP65
Nominal size	19 mm
Exhaust-air function	throttleable
Sealing principle	soft
Assembly position	Any
Manual override	detenting
Type of piloting	Piloted
Pilot air supply	external
Flow direction	reversible
Overlap	Underlap
Pilot pressure	1 ... 8 bar
Switching time off	32 ms
Switching time on	36 ms
Max. positive test pulse with logic 0	2,200 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	1,260 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 air port 12	G1/8
Pneumatic connection, port 1	G3/4
Pneumatic connection, port 2	G3/4
Pneumatic connection, port 3	G3/4
Materials note	Conforms to RoHS
Material seals	NBR
Material housing	Aluminium die cast