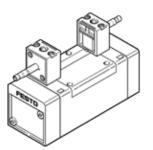
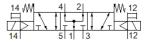
## Solenoid valve MN1H-5/3B-D-2-S-C Part number: 159696

**FESTO** 

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





## **Data sheet**

Feature	Value
Valve function	5/3 pressurized
Type of actuation	electrical
Width	54 mm
Standard nominal flow rate	2,300 l/min
Operating pressure MPa	-0.09 1.6 MPa
Working pressure	-0.9 16 bar
Design structure	Piston slide
Type of reset	mechanical spring
Maritime classification	see certificate
Protection class	IP65
Nominal size	11.5 mm
Grid dimension	56 mm
Exhaust-air function	throttleable
Sealing principle	soft
Assembly position	Any
Conforms to standard	ISO 5599-1
Manual override	with accessories, detenting
	Pushing
ISO code	269
Type of piloting	Piloted
Pilot air supply	external
Flow direction	reversible
Lap	Positive overlap
Pilot pressure	3 10 bar
Switching time off	78 ms
Switching time on	35 ms
Max. positive test pulse with logic 0	3,700 μs
Max. negative test pulse with logic 1	4,600 μs
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)
Vibration resistance	Transport application test with severity level 1 as per FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27
PWIS conformity	VDMA24364-B1/B2-L
Medium temperature	-5 50 °C
Sound pressure level	85 dB(A)
Pilot medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Ambient temperature	-5 50 °C
Product weight	940 g
Electrical connection	Via N1 coil, to be ordered separately
Mounting type	On subbase



Feature	Value
	With through-hole and screw
Pilot exhaust port 82	M5
Pilot exhaust port 84	M5
Pilot air port 12	Connection plate size 2 as per ISO 5599-1
Pilot air port 14	Connection plate size 2 as per ISO 5599-1
Pneumatic connection, port 1	Connection plate size 2 as per ISO 5599-1
Pneumatic connection, port 2	Connection plate size 2 as per ISO 5599-1
Pneumatic connection, port 3	Connection plate size 2 as per ISO 5599-1
Pneumatic connection, port 4	Connection plate size 2 as per ISO 5599-1
Pneumatic connection, port 5	Connection plate size 2 as per ISO 5599-1
Materials note	Conforms to RoHS
Material seals	HNBR
	NBR
Material housing	Aluminum die cast