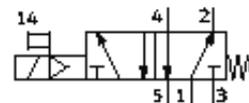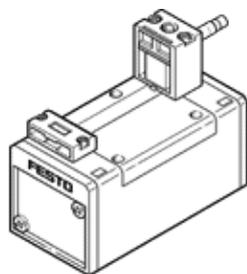# Solenoid valve
MN1H-5/2-D-1-FR-C-CT
Part number: 184638

FESTO

With manual override, without solenoid coil or socket. Solenoid coil
and socket should be ordered separately.
Products to be discontinued. Available until 2010.

Data sheet

Feature	Value
Valve function	5/2 monostable
Type of actuation	electrical
Width	42 mm
Standard nominal flow rate	1,200 l/min
Operating pressure	3 ... 10 bar
Design structure	Piston slide
Type of reset	mechanical spring
Protection class	IP65
Authorisation	Germanischer Lloyd
Nominal size	8 mm
Grid dimension	43 mm
Exhaust-air function	throttleable
Sealing principle	soft
Assembly position	Any
Conforms to standard	ISO 5599-1
Manual override	detenting
ISO code	152
Type of piloting	Piloted
Pilot air supply	Internal
Flow direction	non reversible
Switching time off	39 ms
Switching time on	17 ms
Characteristic coil data	24V DC: 2,5W
Operating medium	filtered compressed air, grade of filtration 40 µm, lubricated or unlubricated
Medium temperature	-5 ... 50 °C
Ambient temperature	-5 ... 50 °C
Product weight	550 g
Electrical connection	Design A Plug to DIN 43650 Cubic design
Mounting type	with through hole
Pilot exhaust port 82	M5
Pilot exhaust port 84	M5
Pilot air port 12	Connection plate size 1 as per ISO 5599-1
Pilot air port 14	Connection plate size 1 as per ISO 5599-1
Pneumatic connection, port 1	Connection plate size 1 as per ISO 5599-1
Pneumatic connection, port 2	Connection plate size 1 as per ISO 5599-1
Pneumatic connection, port 3	Connection plate size 1 as per ISO 5599-1
Pneumatic connection, port 4	Connection plate size 1 as per ISO 5599-1
Pneumatic connection, port 5	Connection plate size 1 as per ISO 5599-1
Materials note	Free of copper and PTFE Conforms to RoHS
Materials information for seals	NBR
Materials information, housing	Aluminium die cast