

Solenoid valve

MN2H-5/3B-D-01-S-12DCA

Part number: 187889

FESTO

In accordance with ISO 15407/-1, with solenoid coil and manual override, without plug socket.

Products to be discontinued. Available until 2009.



Data sheet

Feature	Value
Valve function	5/3 pressurised
Type of actuation	electrical
Width	26 mm
Standard nominal flow rate	1,000 l/min
Operating pressure	-0.9 ... 16 bar
Design structure	Piston slide
Type of reset	mechanical spring
Protection class	IP65
Nominal size	8 mm
Grid dimension	27 mm
Exhaust-air function	throttleable
Sealing principle	soft
Assembly position	Any
Conforms to standard	ISO 15407-1 VDMA 24563
Manual override	with accessories, detenting
Type of piloting	Piloted
Pilot air supply	external
Flow direction	reversible
Pilot pressure	3 ... 10 bar
Switching time off	52 ms
Switching time on	23 ms
Characteristic coil data	12V DC: 1,4W 24 V AC: 50 Hz, switching power: 3 VA, holding capacity: 2.4 VA 24V AC: 60Hz
Operating medium	filtered compressed air, grade of filtration 40 µm, lubricated or unlubricated Vacuum
Corrosion resistance classification CRC	2
Medium temperature	-10 ... 50 °C
Pilot medium	filtered compressed air, grade of filtration 40 µm, lubricated or unlubricated
Ambient temperature	-10 ... 50 °C
Product weight	340 g
Electrical connection	Plug to DIN 43650 Design C
Mounting type	with through hole
Auxiliary pilot air port 12/14	Sub-base VDMA 24563 size 1
Pilot exhaust port 82/84	Connection plate size 26 mm, according to ISO 15407-1 Sub-base VDMA 24563 size 1
Pneumatic connection, port 1	Connection plate size 26 mm, according to ISO 15407-1

Feature	Value
	Sub-base VDMA 24563 size 1
Pneumatic connection, port 2	Connection plate size 26 mm, according to ISO 15407-1 Sub-base VDMA 24563 size 1
Pneumatic connection, port 3	Connection plate size 26 mm, according to ISO 15407-1 Sub-base VDMA 24563 size 1
Pneumatic connection, port 4	Connection plate size 26 mm, according to ISO 15407-1 Sub-base VDMA 24563 size 1
Pneumatic connection, port 5	Connection plate size 26 mm, according to ISO 15407-1 Sub-base VDMA 24563 size 1
Materials information for seals	NBR
Materials information, housing	Aluminium die cast