

Solenoid valve

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

Part number: 187888

FESTO

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

Type to be discontinued. Available until 2009.



Data sheet

Feature	Value
Valve function	5/3 pressurized
Type of actuation	electrical
Width	26 mm
Standard nominal flow rate	1,000 l/min
Working pressure	3 ... 10 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	Internal
Flow direction	non reversible
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
Corrosion resistance classification CRC	2
Medium temperature	-5 ... 50 °C
Ambient temperature	-5 ... 50 °C
Product weight	340 g
Electrical connection	Plug to DIN 43650 Design C
Mounting type	with through hole
Pilot exhaust port 82/84	Connection plate size 26 mm, according to ISO 15407-1 Subbase VDMA 24563 size 1
Pneumatic connection, port 1	Connection plate size 26 mm, according to ISO 15407-1 Subbase VDMA 24563 size 1
Pneumatic connection, port 2	Connection plate size 26 mm, according to ISO 15407-1 Subbase VDMA 24563 size 1
Pneumatic connection, port 3	Connection plate size 26 mm, according to ISO 15407-1 Subbase VDMA 24563 size 1

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