

Solenoid valve

MN2H-5/2-D-02-FR-S-12DCA

Part number: 187927

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	5/2 single solenoid
Type of actuation	electrical
Width	18 mm
Standard nominal flow rate	500 l/min
Working pressure	-0.9 ... 10 bar
Design structure	Piston slide
Type of reset	mechanical spring
Protection class	IP65
Nominal size	6 mm
Grid dimension	19 mm
Exhaust-air function	throttleable
Sealing principle	soft
Assembly position	Any
Conforms to standard	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	34 ms
Switching time on	18 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	160 g
Electrical connection	Plug to DIN 43650 Design C
Mounting type	with through hole
Auxiliary pilot air port 12/14	Subbase VDMA 24563 size 2
Pilot exhaust port 82/84	Subbase VDMA 24563 size 2
Pneumatic connection, port 1	Subbase VDMA 24563 size 2
Pneumatic connection, port 2	Subbase VDMA 24563 size 2
Pneumatic connection, port 3	Subbase VDMA 24563 size 2
Pneumatic connection, port 4	Subbase VDMA 24563 size 2
Pneumatic connection, port 5	Subbase VDMA 24563 size 2
Materials information for seals	NBR
Materials information, housing	Aluminum die cast