

Solenoid valve

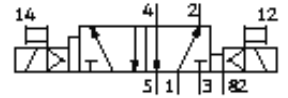
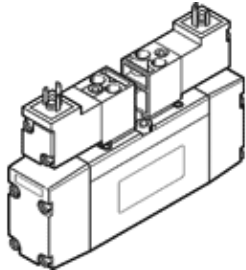
JMN2DH-5/2-D-01

Part number: 161073

FESTO

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

Type to be discontinued. Available until 2009.



Data sheet

Feature	Value
Valve function	5/2 bistable-dominant
Type of actuation	electrical
Width	26 mm
Standard nominal flow rate	1,000 l/min
Working pressure	2 ... 10 bar
Design structure	Piston slide
Protection class	IP65
Authorization	Germanischer Lloyd
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 reversal	18 ms
Switching time reversal (dominating)	16 ms
Characteristic coil data	24V DC: 1,5W
Operating medium	filtered compressed air, grade of filtration 40 µm, lubricated or unlubricated
Corrosion resistance classification CRC	2
Medium temperature	-10 ... 50 °C
Ambient temperature	-10 ... 50 °C
Product weight	320 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
Pneumatic connection, port 4	Connection plate size 26 mm, according to ISO 15407-1 Subbase VDMA 24563 size 1

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