

# Solenoid valve

## MN2H-5/3B-D-02-S-110AC

Part number: 161921

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                                   | 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   |
| Authorization                           | Germanischer Lloyd   |
| 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                      | 30 ms  |
| Switching time on                       | 18 ms  |
| Characteristic coil data                | 110 V AC: 50 Hz, switching power: 2 VA   |
| Operating medium                        | filtered compressed air, grade of filtration 40 µm, lubricated or unlubricated<br>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                          | 220 g  |
| Electrical connection                   | Plug<br>to DIN 43650<br>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  |