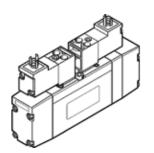
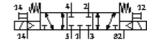
Solenoid valve MN2H-5/3G-D-02-S-110AC Part number: 161917

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

Valve function 5/3 closed Type of actuation electrical Width 18 mm Standard nominal flow rate 5001/min Working pressure -0.9	Feature	Value
Width 18 mm Standard nominal flow rate \$500 l/min Working pressure -0.910 bar Design structure Piston slide Type of reset mechanical spring Protection class IP65 Authorization Germanischer Lloyd Nominal size 6 mm Grid dimension 19 mm Eshaust-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 22 ms Switching time off 22 ms Switching time on 17 ms Characteristic coil data 110 VAC: 50 Hz, switching power: 2 VA Operating medium filtered compressed air, grade of filtration 40 µm, lubricated or unlubricated Vacuum Vacuum Corro	Valve function	5/3 closed
Standard nominal flow rate Working pressure -0.910 bar Design structure Piston slide Type of reset Protection class Authorization Germanischer Lloyd Nominal size 6 mm Grid dimension 19 mm Ekhaust-air function Scaling principle Sasding principle Sasding principle Assembly position Any Conforms to standard VDMA 24563 With accessories, detenting Type of piloting Pilot air supply Row direction Pilot pressure Switching time of Characteristic coil data Operating medium Riftered compressed air, grade of filtration 40 µm, lubricated or unlubricated Wacuum Corrosion resistance classification CRC 2	Type of actuation	electrical
Working pressure	Width	18 mm
Design structure Ippe of reset Incharical spring Protection class IPP65 Authorization Germanischer Lloyd Nominal size Grid dimension Ip mm Eshaust-air function Sealing principle Sealing principle Sealing principle Assembly position Any Conforms to standard VDMA 24563 Wahaual override Iplot air supply Elow direction Pilot air supply Elow direction Pilot griss upply Elow direction In more switching time off In more switching time on In Tr ms Switching time on In the companies and in the protected or unlubricated Vacuum Corrosion resistance classification CRC Electrical connection In temperature In Low So C Product weight Electrical connection Pulug Electrical connection, port 1 Subbase VDMA 24563 size 2 Pneumatic connection, port 5	Standard nominal flow rate	500 l/min
Type of Protection class Any Conforms to standard Manual override Pilot green	Working pressure	-0.9 10 bar
Type of Protection class Any Conforms to standard Manual override Pilot green	Design structure	Piston slide
Protection class Protection		mechanical spring
Nominal size Grid dimension 19 mm Exhaust-air function throttleable Sealing principle Assembly position Conforms to standard VDMA 24563 Manual override Type of piloting Pilot air supply external Flow direction Pilot pressure 3 10 bar Switching time on Characteristic coil data 110 V AC: 50 Hz, switching power: 2 VA filtered compressed air, grade of filtration 40 μm, lubricated or unlubricated Vacuum Corrosion resistance classification CRC 2 Medium temperature 1-10 50 °C	Protection class	· · · · · · · · · · · · · · · · · · ·
Grid dimension Exhaust-air function Exhaust-air function throttleable soft Assembly position Any Conforms to standard VDMA 24563 Manual override With accessories, detenting Type of piloting Piloted Pilot air supply external Flow direction Preversible Pilot pressure 3 10 bar Switching time on 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 Vacuum Corrosion resistance classification CRC 2 10 50 °C Pilot medium filtered compressed air, grade of filtration 40 µm, lubricated or unlubricated Vacuum Corrosion resistance classification CRC 2 10 50 °C Pilot medium filtered compressed air, grade of filtration 40 µm, lubricated or unlubricated Vacuum Corrosion resistance classification CRC 2 10 50 °C Product weight 2 20 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 Pneumatic connection, port 1 Subbase VDMA 24563 size 2 Pneumatic connection, port 2 Pneumatic connection, port 4 Pneumatic connection, port 5 Subbase VDMA 24563 size 2 Pneumatic connection, port 5 Subbase VDMA 24563 size 2 Pneumatic connection, port 5 Subbase VDMA 24563 size 2 Pneumatic connection, port 5 Subbase VDMA 24563 size 2 Pneumatic connection, port 5 Subbase VDMA 24563 size 2 Pneumatic connection, port 5 Subbase VDMA 24563 size 2	Authorization	Germanischer Lloyd
Exhaust-air function throttleable soft scaling principle soft scandard VDMA 24563 With accessories, detenting Type of piloting Piloted Pilot air supply external reversible Pilot air supply external switching time off 22 ms Switching time off 17 ms Switching time off 10 vAC: 50 Hz, switching power: 2 VA Switching time off Illered compressed air, grade of filtration 40 µm, lubricated or unlubricated Vacuum Switching time off Switching time off Illered compressed air, grade of filtration 40 µm, lubricated or unlubricated or	Nominal size	6 mm
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 22 ms Switching time on 17 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 Vacuum 2 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 to DIN 43650 Design C Mounting type with through hole Auxiliary pilot air port 12/14 Subbase VDMA 24563 size 2 Plot exhaust port 82/84 Subbase VDMA 24563 size 2 Pneumatic connection, port 1	Grid dimension	19 mm
Assembly position Conforms to standard VDMA 24563 Manual override Type of piloting Piloted Pilot air supply Pilot air supply Pilot pressure 3 10 bar Switching time on 17 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 vacuum Corrosion resistance classification CRC 2 Medium temperature 110 50 °C Pilot medium filtered compressed air, grade of filtration 40 μm, lubricated or unlubricated Vacuum Corrosion resistance classification CRC 2 Medium temperature 110 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 to DIN 43650 Design C Mounting type Auxiliary pilot air port 12/14 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 4 Subbase VDMA 24563 size 2 Pneumatic connection, port 5 Subbase VDMA 24563 size 2 Pneumatic connection, port 5 Subbase VDMA 24563 size 2 Pneumatic connection, port 5 Subbase VDMA 24563 size 2 Pneumatic connection, port 5 Subbase VDMA 24563 size 2 Materials information for seals	Exhaust-air function	throttleable
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Switching time on 17 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 Vacuum Corrosion resistance classification CRC 2 Medium temperature -10 50 °C Pilot medium filtered compressed air, grade of filtration 40 µm, lubricated or unlubricated or unlubricated or unlubricated or unlubricated Ambient temperature -10 50 °C Product weight 220 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 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 Pneumatic connection, port 5 Subbase VDMA 24563 size 2 Pneumatic connection, port 5 Subbase VDMA 24563 size 2 Pneumatic connection, port 5 Subbase VDMA 24563 size 2 Materials information for seals	•	22 ms
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OMATERIAIS INFORMATION, NOUSING LANDON LANDON LANDON AND LANDON AN	Materials information, housing	Aluminum die cast