

# Solenoid valve

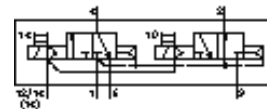
## MN2H-2X30-G-D-01-S-230VAC

Part number: 191363

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                            | 2x3/2 open, single solenoid                                                              |
| Type of actuation                         | electrical                                                                               |
| Width                                     | 26 mm                                                                                    |
| Standard nominal flow rate                | 900 l/min                                                                                |
| Working pressure                          | 2 ... 10 bar                                                                             |
| Design structure                          | Piston slide                                                                             |
| Type of reset                             | Air 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<br>VDMA 24563                                                                |
| Manual override                           | with accessories, detenting                                                              |
| Type of piloting                          | Piloted                                                                                  |
| Pilot air supply                          | external                                                                                 |
| Flow direction                            | non reversible                                                                           |
| Pilot pressure                            | 0.9 ... 10 bar                                                                           |
| b value                                   | 0.27                                                                                     |
| C value                                   | 3.8 l/sbar                                                                               |
| Switching time off                        | 29 ms                                                                                    |
| Switching time on                         | 18 ms                                                                                    |
| Characteristic coil data                  | 230V AC: 50Hz<br>230V AC: 60Hz                                                           |
| Operating medium                          | filtered compressed air, grade of filtration 40 µm, lubricated or unlubricated<br>Vacuum |
| CE symbol (see declaration of conformity) | according to EU low voltage guideline                                                    |
| 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                            | 320 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 1                                                                |
| Pilot exhaust port 82/84                  | Connection plate size 26 mm, according to ISO 15407-1                                    |

| <b>Feature</b>                  | <b>Value</b>                                                                       |
|---------------------------------|------------------------------------------------------------------------------------|
|                                 | Subbase VDMA 24563 size 1                                                          |
| Pneumatic connection, port 1    | Connection plate size 26 mm, according to ISO 15407-1<br>Subbase VDMA 24563 size 1 |
| Pneumatic connection, port 2    | Connection plate size 26 mm, according to ISO 15407-1<br>Subbase VDMA 24563 size 1 |
| Pneumatic connection, port 3    | Connection plate size 26 mm, according to ISO 15407-1<br>Subbase VDMA 24563 size 1 |
| Pneumatic connection, port 4    | Connection plate size 26 mm, according to ISO 15407-1<br>Subbase VDMA 24563 size 1 |
| Pneumatic connection, port 5    | Connection plate size 26 mm, according to ISO 15407-1<br>Subbase VDMA 24563 size 1 |
| Materials information for seals | NBR                                                                                |
| Materials information, housing  | Aluminum die cast                                                                  |