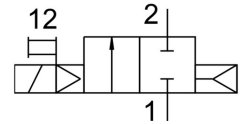
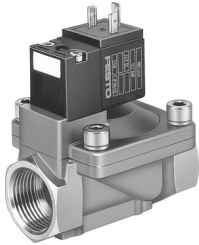


# Air solenoid valve MN1H-2-1/4-MS

Part number: 161725

**FESTO**



## Data sheet

| Feature                                  | Value                                                                                                                                                                                                                                                                      |
|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type code                                | MN1H                                                                                                                                                                                                                                                                       |
| Structural design                        | Diaphragm valve                                                                                                                                                                                                                                                            |
| Actuation type                           | Electrical                                                                                                                                                                                                                                                                 |
| Sealing principle                        | Soft                                                                                                                                                                                                                                                                       |
| Mounting position                        | Any                                                                                                                                                                                                                                                                        |
| Type of mounting                         | Line installation                                                                                                                                                                                                                                                          |
| Fitting connection                       | G1/4                                                                                                                                                                                                                                                                       |
| Electrical connection                    | Form A<br>Plug<br>as per DIN EN 175301-803<br>Rectangular design                                                                                                                                                                                                           |
| Nominal width                            | 13 mm                                                                                                                                                                                                                                                                      |
| Valve function                           | 2/2, closed, monostable                                                                                                                                                                                                                                                    |
| Manual override                          | Detenting via accessory<br>Non-detenting                                                                                                                                                                                                                                   |
| Flow direction                           | Non-reversible                                                                                                                                                                                                                                                             |
| Medium                                   | Filtered compressed air, 200 µm filter mesh                                                                                                                                                                                                                                |
| Exhaust air function                     | Without flow control option                                                                                                                                                                                                                                                |
| Coil characteristics                     | 110 V AC: 50 Hz, initial power 5.0 VA, holding power 3.7 VA<br>110 V AC: 60 Hz, initial power 5.0 VA, holding power 3.7 VA<br>230 V AC: 50 Hz, initial power 5.0 VA, holding power 3.7 VA<br>230 V AC: 60 Hz, initial power 5.0 VA, holding power 3.7 VA<br>24 V DC: 2.5 W |
| Reset method                             | Pneumatic spring                                                                                                                                                                                                                                                           |
| Type of control                          | Pilot-controlled                                                                                                                                                                                                                                                           |
| Symbol                                   | 00991399                                                                                                                                                                                                                                                                   |
| Medium pressure                          | 0.5 bar ... 10 bar                                                                                                                                                                                                                                                         |
| Information on operating and pilot media | Operation with oil lubrication possible (required for further use)                                                                                                                                                                                                         |
| Temperature of medium                    | -10 °C ... 60 °C                                                                                                                                                                                                                                                           |
| Ambient temperature                      | -10 °C ... 60 °C                                                                                                                                                                                                                                                           |
| Standard nominal flow rate               | 2000 l/min                                                                                                                                                                                                                                                                 |
| On switching time                        | 30 ms                                                                                                                                                                                                                                                                      |
| Switching time off                       | 100 ms                                                                                                                                                                                                                                                                     |
| Housing material                         | Brass                                                                                                                                                                                                                                                                      |
| Material of screws                       | High-alloy stainless steel                                                                                                                                                                                                                                                 |
| Material number of screw                 | 1.4301                                                                                                                                                                                                                                                                     |
| Product weight                           | 450 g                                                                                                                                                                                                                                                                      |

| Feature              | Value                    |
|----------------------|--------------------------|
| Degree of protection | IP65<br>With plug socket |