



## Air solenoid valve, MFH-3-1/2

URL: <https://www.sxplc.com/air-solenoid-valve-mfh-3-1-2>

### Product data sheet

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|-------------------------------------|---|
| • <b>Valve function</b>             | 3/2, closed, monostable                     |
| • <b>Actuation type</b>             | Electrical                                  |
| • <b>Width</b>                      | 52 mm                                       |
| • <b>Standard nominal flow rate</b> | 3700 l/min                                  |
| • <b>Pneumatic working port</b>     | G1/2  |
| • <b>Operating voltage</b>          | Via solenoid coil, to be ordered separately |
| • <b>Operating pressure</b>         | 0.15 MPa ... 0.8 MPa                        |
| • <b>Operating pressure</b>         | 1.5 bar ... 8 bar                           |
| • <b>Structural design</b>          | Plate seat                                  |
| • <b>Reset method</b>               | Mechanical spring                           |
| • <b>Certification</b>              | c UL us - Recognized (OL)                   |
| • <b>Degree of protection</b>       | IP65  |
| • <b>Nominal width</b>              | 14 mm                                       |
| • <b>Width dimension</b>            | 69 mm                                       |
| • <b>Exhaust air function</b>       | With flow control option                    |

- **Sealing principle**Soft
- **Mounting position**Any
- **Manual override**Detenting
- **Type of control**Pilot-controlled
- **Flow direction**Non-reversible
- **Symbol**00991041
- **Lap**Underlap
- **b-value**0.3
- **Switching time off**90 ms
- **On switching time**18 ms
- **Max. positive test pulse with 0 signal**2200 µs
- **Max. negative test pulse on 1 signal**3700 µs
- **Coil characteristics**See solenoid coil, to be ordered separately
- **Operating medium**Compressed air as per ISO 8573-1:2010 [7:4:4]
- **Information on operating and pilot media**Operation with oil  
lubrication possible (required for further use)
- **Corrosion resistance class (CRC)**1 - Low corrosion stress
- **LABS (PWIS) conformity**VDMA24364-B1/B2-L
- **Storage temperature**-20 °C ... 60 °C
- **Temperature of medium**-10 °C ... 60 °C
- **Ambient temperature**-5 °C ... 40 °C
- **Product weight**1100 g
- **Electrical connection**Via F coil, to be ordered separately

- **Type of mounting** Optionally: On terminal strip With through-hole
- **Pilot exhaust air port** 82M5
- **Pneumatic connection 1** G1/2
- **Pneumatic connection 2** G1/2
- **Pneumatic connection 3** G1/2
- **Note on materials** RoHS-compliant
- **Seals material** NBR
- **Housing material** Die-cast aluminum

