



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

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

### Product data sheet

- **Valve function** 3/2, closed, monostable
- **Actuation type** Electrical
- **Width** 52 mm
- **Standard nominal flow rate** 3700 l/min
- **Pneumatic working port** G1/2
- **Operating voltage** Via solenoid coil, to be ordered separately
- **Operating pressure** 0.15 MPa ... 0.8 MPa
- **Operating pressure** 1.5 bar ... 8 bar
- **Structural design** Plate seat
- **Reset method** Mechanical spring
- **Certification** c UL us - Recognized (OL)
- **Degree of protection** IP65
- **Nominal width** 14 mm
- **Width dimension** 69 mm
- **Exhaust air function** 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  $\mu$ s
- **Max. negative test pulse on 1 signal**3700  $\mu$ s
- **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** 1G1/2
- **Pneumatic connection** 2G1/2
- **Pneumatic connection** 3G1/2
- **Note on materials** RoHS-compliant
- **Seals material** NBR
- **Housing material** Die-cast aluminum

