



## Solenoid valve ,MFH-5-1/2,6420

URL:<https://www.sxplc.com/solenoid-valve-mfh-5-1-2-6420>

### Product data sheet

- **Valve function** 5/2-way, monostable
- **Type of actuation** Electric
- **Construction width** 52 mm
- **Standard nominal flow rate (standardised to DIN 1343)** 3700 l/min
- **pneumatic working port** G1/2
- **Operating voltage** Via solenoid coil, must be ordered separately
- **Operating pressure** 0.2 MPa ... 0.8 MPa
- **Operating pressure** 2 bar ... 8 bar
- **Design** Poppet seat
- **Type of reset** Mechanical spring
- **Approval** c UL us - Recognized (OL)
- **Degree of protection** IP65
- **Nominal size** 14 mm
- **Grid dimension** 69 mm

- **Exhaust-air function**With flow control option
- **Sealing principle**Soft
- **Mounting position**optional
- **Manual override**Detenting
- **Type of piloting**Pilot actuated
- **Flow direction**Non-reversible
- **Symbol**00991035
- **lap**Underlap
- **b value**0.32
- **Switching time off**150 ms
- **Switching time on**21 ms
- **Max. positive test pulse with 0 signal**2200  $\mu$ s
- **Max. negative test pulse with 1 signal**3700  $\mu$ s
- **Characteristic coil data**See solenoid coil, to be ordered separately
- **Operating medium**Compressed air to ISO 8573-1:2010 [7:4:4]
- **Note on operating and pilot medium**Lubricated operation possible  
(in which case lubricated operation will always be required)
- **Corrosion resistance class CRC1** - Low corrosion stress
- **LABS (PWIS) conformity**VDMA24364-B1/B2-L
- **Storage temperature**-20 °C ... 60 °C
- **Media temperature**-10 °C ... 60 °C
- **Ambient temperature**-5 °C ... 40 °C
- **Product weight**1135 g

- **Electrical connection**Via F coil, to be ordered separately
- **Type of mounting**Either: On manifold rail With through-hole
- **Pilot exhaust port** 84M5
- **Pneumatic connection, port 1**G1/2
- **Pneumatic connection, port 2**G1/2
- **Pneumatic connection, port 3**G1/2
- **Pneumatic connection, port 4**G1/2
- **Pneumatic connection, port 5**G1/2
- **Note on materials**RoHS-compliant
- **Material seals**NBR TPE-U(PU)
- **Material housing**Die-cast aluminium

