



Air solenoid valve, MN1H-5/2-D-1-C, 159688

URL: <https://www.sxplc.com/air-solenoid-valve-mn1h-5-2-d-1-c-159688>

Product data sheet

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| • Valve function 5/2, monostable |
| • Actuation type Electrical |
| • Width 42 mm |
| • Standard nominal flow rate 1200 l/min |
| • Pneumatic working port Sub-base, size 1 according to ISO 5599-1
G1/4 |
| • Operating voltage Via solenoid coil, to be ordered separately |
| • Operating pressure 0.2 MPa ... 1 MPa |
| • Operating pressure 2 bar ... 10 bar |
| • Structural design Piston gate valve |
| • Reset method Pneumatic spring |
| • Certification nc UL us - Recognized (OL) |
| • Maritime classification See certificate |
| • Certificate issuing authority DNV-TAA000032X |

- **Degree of protection** IP65
- **Nominal width** 8 mm
- **Width dimension** 43 mm
- **Exhaust air function** With flow control option
- **Sealing principle** Soft
- **Mounting position** Any
- **Conforms to standard** ISO 5599-1
- **Manual override** Detenting via accessory Non-detenting
- **ISO code** 151
- **Type of control** Pilot-controlled
- **Pilot air supply port** Internal
- **Flow direction** Non-reversible
- **Symbol** 00991049
- **Lap** Overlap
- **Switching time off** 32 ms
- **On switching time** 23 ms
- **Max. positive test pulse with 0 signal** 3700 μ s
- **Max. negative test pulse on 1 signal** 4600 μ 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)
- **Vibration resistance** Transport application test with severity level 1 as

per FN 942017-4 and EN 60068-2-6

- **Shock resistance** Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27
- **LABS (PWIS) conformity** VDMA24364-B1/B2-L
- **Temperature of medium** -5 °C ... 50 °C
- **Noise level** 85 dB(A)
- **Pilot medium** Compressed air as per ISO 8573-1:2010 [7:4:4]
- **Ambient temperature** -5 °C ... 50 °C
- **Product weight** 450 g
- **Electrical connection** Via N1 coil, to be ordered separately
- **Type of mounting** On sub-base With through-hole
- **Pilot air port 12** Sub-base, size 1 as per ISO 5599-1
- **Pilot air port 14** Sub-base, size 1 as per ISO 5599-1
- **Pneumatic connection 1** Sub-base, size 1 as per ISO 5599-1
- **Pneumatic connection 2** Sub-base, size 1 as per ISO 5599-1
- **Pneumatic connection 3** Sub-base, size 1 as per ISO 5599-1
- **Pneumatic connection 4** Sub-base, size 1 as per ISO 5599-1
- **Pneumatic connection 5** Sub-base, size 1 as per ISO 5599-1
- **Note on materials** RoHS-compliant
- **Seals material** HNBR NBR
- **Housing material** Die-cast aluminum

