



## Air solenoid valve MFH-3-1/8-S 7958

URL: <https://www.sxplc.com/air-solenoid-valve-mfh-3-1-8-s-7958>

### Product data sheet

- |  |
|--|
| • <b>Valve function</b> 3/2, closed, monostable                        |
| • <b>Actuation type</b> Electrical                                     |
| • <b>Width</b> 26 mm   |
| • <b>Standard nominal flow rate</b> 500 l/min                          |
| • <b>Pneumatic working port</b> G1/8                                   |
| • <b>Operating voltage</b> Via solenoid coil, to be ordered separately |
| • <b>Operating pressure</b> -0.095 MPa ... 1 MPa                       |
| • <b>Operating pressure</b> -0.95 bar ... 10 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> 5 mm  |
| • <b>Width dimension</b> 27 mm   |
| • <b>Exhaust air function</b> With flow control option                 |

- **Sealing principle**Soft
- **Mounting position**Any
- **Manual override**Detenting
- **Type of control**Pilot-controlled
- **Pilot air supply port**External
- **Flow direction**Reversible
- **Symbol**00992879
- **Lap**Underlap
- **Pilot pressure MPa**0.1 MPa ... 0.8 MPa
- **Pilot pressure**1 bar ... 8 bar
- **Switching time off**33 ms
- **On switching time**9 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
- **Pilot medium**Compressed air as per ISO 8573-1:2010 [7:4:4]

- **Ambient temperature**-5 °C ... 40 °C
- **Product weight**240 g
- **Electrical connection**Via F coil, to be ordered separately
- **Type of mounting**Optionally: On terminal strip With through-hole
- **Pilot exhaust air port 8**2M5
- **Pilot air port 12**M5
- **Pneumatic connection 1**G1/8
- **Pneumatic connection 2**G1/8
- **Pneumatic connection 3**G1/8
- **Note on materials**RoHS-compliant
- **Seals material**NBR
- **Housing material**Die-cast aluminum

