



## 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

- **Valve function** 3/2, closed, monostable
- **Actuation type** Electrical
- **Width** 26 mm
- **Standard nominal flow rate** 500 l/min
- **Pneumatic working port** G1/8
- **Operating voltage** Via solenoid coil, to be ordered separately
- **Operating pressure** 0.095 MPa ... 1 MPa
- **Operating pressure** 0.95 bar ... 10 bar
- **Structural design** Plate seat
- **Reset method** Mechanical spring
- **Certification** UL us - Recognized (OL)
- **Degree of protection** IP65
- **Nominal width** 5 mm
- **Width dimension** 27 mm
- **Exhaust air function** 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  $\mu$ 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
- **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** 82M5
- **Pilot air port** 12M5
- **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

