## 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         | <b>n</b> 3/2, closed, monostable                |  |
|------------------------|---|--|
| Actuation type         | <b>e</b> Electrical                             |  |
| <b>Width</b> 26 mm     |   |  |
| Standard nom           | ninal flow rate500 l/min                        |  |
| Pneumatic wo           | orking portG1/8                                 |  |
| Operating vol          | tageVia solenoid coil, to be ordered separately |  |
| Operating pre          | essure-0.095 MPa 1 MPa                          |  |
| Operating pre          | essure-0.95 bar 10 bar                          |  |
| Structural des         | signPlate seat                                  |  |
| Reset method           | Mechanical spring                               |  |
| <b>Certification</b> c | UL us - Recognized (OL)                         |  |
| Degree of pro          | tection IP65                                    |  |
| Nominal width          | <b>h</b> 5 mm                                   |  |
| Width dimens           | ion27 mm  |  |
| Exhaust air fu         | inctionWith flow control option                 |  |
|                        |   |  |

Sealing principleSoft • **Mounting position**Any Manual override Detenting • Type of controlPilot-controlled Pilot air supply portExternal • Flow directionReversible • **Symbol**00992879 • **Lap**Underlap • Pilot pressure MPa 0.1 MPa ... 0.8 MPa • Pilot pressure1 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 mediumCompressed 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) conformityVDMA24364-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 weight240 g
- **Electrical connection**Via F coil, to be ordered separately
- Type of mountingOptionally: On terminal strip With through-hole
- Pilot exhaust air port 82M5
- Pilot air port 12M5
- Pneumatic connection 1G1/8
- Pneumatic connection 2G1/8
- Pneumatic connection 3G1/8
- Note on materialsRoHS-compliant
- **Seals material**NBR
- Housing material Die-cast aluminum

