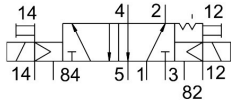
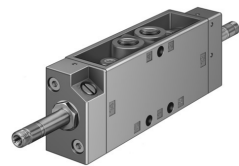


Air solenoid valve

JMFH-5-1/8-S-NPT

Part number: 15613

FESTO



Data sheet

| Feature | Value |
|--|--|
| Valve function | 5/2, bistable |
| Actuation type | Electrical |
| Width | 26 mm |
| Standard nominal flow rate | 600 l/min |
| Pneumatic working port | 1/8 NPT |
| Operating voltage | Via solenoid coil, to be ordered separately |
| Operating pressure | 0 MPa...1 MPa 0 bar...10 bar |
| Structural design | Plate seat |
| Certification | c 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 |
| Type of control | Pilot-controlled |
| Pilot air supply port | External |
| Flow direction | Non-reversible |
| Lap | Underlap |
| Pilot pressure MPa | 0.12 MPa...0.8 MPa |
| Pilot pressure | 1.2 bar...8 bar |
| Max. switching frequency | 25 Hz |
| Changeover time | 10 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-B2-L |
| Storage temperature | -20 °C...60 °C |

| Feature | Value |
|---------------------------|---|
| 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 | 260 g |
| Electrical connection | Via F coil, to be ordered separately |
| Type of mounting | On terminal strip With through-hole Optionally: |
| Pilot exhaust air port 82 | M5 |
| Pilot exhaust air port 84 | M5 |
| Pilot air port 12 | 10-32 UNF-2B |
| Pilot air port 14 | 10-32 UNF-2B |
| Pneumatic connection 1 | 1/8 NPT |
| Pneumatic connection 2 | 1/8 NPT |
| Pneumatic connection 3 | 1/8 NPT |
| Pneumatic connection 4 | 1/8 NPT |
| Pneumatic connection 5 | 1/8 NPT |
| Note on materials | RoHS-compliant |
| Seals material | NBR TPE-U(PU) |
| Housing material | Die-cast aluminum |