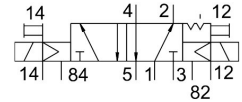
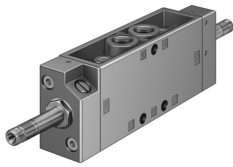


# Air solenoid valve JMFH-5-1/8-S-NPT

Part number: 15613

**FESTO**



 General operating condition

## 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                                                    |
| Operating pressure                       | 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                                                     |
| Symbol                                   | 00995755                                                           |
| 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                                                   |
| 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                                                    |

| Feature                   | Value                                |
|---------------------------|--------------------------------------|
| Product weight            | 260 g                                |
| Electrical connection     | Via F coil, to be ordered separately |
| Type of mounting          | With through-hole                    |
| 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<br>TPE-U(PU)                     |
| Housing material          | Die-cast aluminum                    |