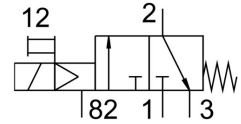
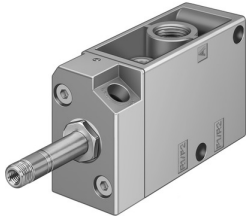


# Air solenoid valve MFH-3-1/4

Part number: 9964

FESTO



## Data sheet

| Feature                                  | Value  |
|--|--|
| Valve function                           | 3/2, closed, monostable  |
| Lap                                      | Underlap   |
| Actuation type                           | Electrical   |
| Width                                    | 30.5 mm  |
| Standard nominal flow rate               | 800 l/min  |
| Pneumatic working port                   | G1/4   |
| Operating voltage                        | Via solenoid coil, to be ordered separately                        |
| Operating pressure                       | 1.5 bar ... 8 bar  |
| Design                                   | Plate seat   |
| Reset method                             | Mechanical spring  |
| Degree of protection                     | IP65   |
| Certification                            | c UL us - Recognized (OL)  |
| Nominal width                            | 7 mm   |
| Width dimension                          | 32 mm  |
| Type code                                | MFH  |
| Exhaust air function                     | With flow control option   |
| Sealing principle                        | Soft   |
| Mounting position                        | Any  |
| Manual override                          | Detenting  |
| Type of control                          | Pilot-controlled   |
| Flow direction                           | Non-reversible   |
| Symbol                                   | 00991041   |
| Switching time off                       | 29 ms  |
| On switching 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   |
| Storage temperature                      | -20 °C ... 60 °C   |
| Temperature of medium                    | -10 °C ... 60 °C   |
| Ambient temperature                      | -5 °C ... 40 °C  |
| Product weight                           | 320 g  |
| Electrical connection                    | Via F coil, to be ordered separately                               |

| Feature                   | Value   |
|---------------------------|---|
| Type of mounting          | On terminal strip<br>With through-hole<br>Optionally: |
| Pilot exhaust air port 82 | M5  |
| Pneumatic connection 1    | G1/4  |
| Pneumatic connection 2    | G $\frac{1}{4}$                                       |
| Pneumatic connection 3    | G1/4  |
| Note on materials         | RoHS-compliant  |
| Seals material            | NBR   |
| Housing material          | Die-cast aluminum                                     |