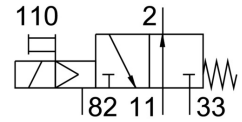
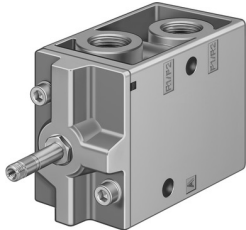


# Solenoid valve MOFH-3-1/2

Part number: 7884

FESTO



 General operating condition

## Data sheet

| Feature                                | Value                                                                                      |
|----------------------------------------|--------------------------------------------------------------------------------------------|
| Valve function                         | 3/2 open, single solenoid                                                                  |
| Type of actuation                      | Electric                                                                                   |
| Construction width                     | 52 mm                                                                                      |
| Standard nominal flow rate             | 3700 l/min                                                                                 |
| pneumatic working port                 | G1/2                                                                                       |
| Operating voltage                      | Via solenoid coil, must be ordered separately                                              |
| Operating pressure                     | 0.15 MPa ... 0.8 MPa                                                                       |
| Operating pressure                     | 1.5 bar ... 8 bar                                                                          |
| Design                                 | Poppet seat                                                                                |
| Type of reset                          | Mechanical spring                                                                          |
| Approval                               | c UL us - Recognized (OL)                                                                  |
| Degree of protection                   | IP65                                                                                       |
| Nominal size                           | 14 mm                                                                                      |
| Grid dimension                         | 69 mm                                                                                      |
| Exhaust-air function                   | With flow control option                                                                   |
| Sealing principle                      | Soft                                                                                       |
| Mounting position                      | optional                                                                                   |
| Manual override                        | Detenting                                                                                  |
| Type of piloting                       | Pilot actuated                                                                             |
| Flow direction                         | Non-reversible                                                                             |
| Symbol                                 | 00995429                                                                                   |
| lap                                    | Underlap                                                                                   |
| b value                                | 0.3                                                                                        |
| Switching time off                     | 90 ms                                                                                      |
| Switching time on                      | 18 ms                                                                                      |
| Max. positive test pulse with 0 signal | 2200 µs                                                                                    |
| Max. negative test pulse with 1 signal | 3700 µs                                                                                    |
| Characteristic coil data               | See solenoid coil, to be ordered separately                                                |
| Operating medium                       | Compressed air to ISO 8573-1:2010 [7:4:4]                                                  |
| Note on operating and pilot medium     | Lubricated operation possible (in which case lubricated operation will always be required) |
| Corrosion resistance class CRC         | 1 - Low corrosion stress                                                                   |
| LABS (PWIS) conformity                 | VDMA24364-B1/B2-L                                                                          |
| Storage temperature                    | -20 °C ... 60 °C                                                                           |
| Media temperature                      | -10 °C ... 60 °C                                                                           |
| Ambient temperature                    | -5 °C ... 40 °C                                                                            |

| Feature                       | Value                                            |
|-------------------------------|--------------------------------------------------|
| Product weight                | 1100 g                                           |
| Electrical connection         | Via F coil, to be ordered separately             |
| Type of mounting              | Either:<br>On manifold rail<br>With through-hole |
| Pilot exhaust port 82         | M5                                               |
| Pneumatic connection, port 1  | G1/2                                             |
| Pneumatic connection, port 11 | G1/2                                             |
| Pneumatic connection, port 2  | G1/2                                             |
| Pneumatic connection, port 3  | G1/2                                             |
| Pneumatic port 33             | G1/2                                             |
| Note on materials             | RoHS-compliant                                   |
| Material seals                | NBR                                              |
| Material housing              | Die-cast aluminium                               |