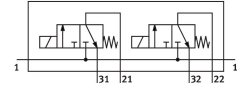


# Air solenoid valve BMFH-2-3-M5

Part number: 4522

**FESTO**



## Data sheet

| Feature                                           | Value                                                              |
|---------------------------------------------------|--------------------------------------------------------------------|
| Valve function                                    | 2x3/2 closed, monostable                                           |
| Actuation type                                    | Electrical                                                         |
| Normal nominal flow rate (normalized to DIN 1343) | 50 l/min                                                           |
| Pneumatic working port                            | M5                                                                 |
| Operating pressure                                | 0 MPa...0.8 MPa<br>0 bar...8 bar                                   |
| Structural design                                 | Poppet valve with spring return                                    |
| Reset method                                      | Mechanical spring                                                  |
| Degree of protection                              | IP65                                                               |
| Nominal width                                     | 1.3 mm                                                             |
| Sealing principle                                 | Soft                                                               |
| Max. no. of valve positions                       | 2                                                                  |
| Type of control                                   | directly                                                           |
| Pick-up power consumption                         | 7.5 W                                                              |
| Holding power consumption                         | 6 W                                                                |
| Operating medium                                  | Compressed air as per ISO 8573-1:2010 [7:::]                       |
| Information on operating and pilot media          | Operation with oil lubrication possible (required for further use) |
| LABS (PWIS) conformity                            | VDMA24364-B2-L                                                     |
| Temperature of medium                             | -10 °C...60 °C                                                     |
| Ambient temperature                               | -5 °C...40 °C                                                      |
| Product weight                                    | 245 g                                                              |
| Electrical connection                             | Plug                                                               |
| Type of mounting                                  | With through-hole                                                  |
| Pneumatic connection 1                            | G1/8                                                               |
| Pneumatic connection 2                            | M5                                                                 |
| Pneumatic connection 3                            | M5                                                                 |
| Housing material                                  | Aluminum                                                           |