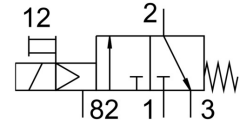
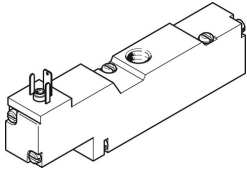


# Air solenoid valve MEBH-3/2-1/8-P-B-110AC

Part number: 173056

FESTO



## Data sheet

| Feature                                    | Value  |
|--|--|
| Valve function                             | 3/2, closed, monostable  |
| Actuation type                             | Electrical   |
| Width                                      | 17.8 mm  |
| Standard nominal flow rate                 | 600 l/min  |
| Pneumatic working port                     | G1/8   |
| Operating voltage                          | 110V AC  |
| Operating pressure                         | 2 bar ... 8 bar  |
| Structural design                          | Piston gate valve  |
| Reset method                               | Mechanical spring  |
| Certification                              | c UL us - Recognized (OL)  |
| CE marking (see declaration of conformity) | As per EU low voltage directive  |
| Degree of protection                       | IP65   |
| Nominal width                              | 5 mm   |
| Width dimension                            | 18 mm  |
| Type code                                  | MEBH   |
| Exhaust air function                       | With flow control option   |
| Sealing principle                          | Soft   |
| Mounting position                          | Any  |
| Manual override                            | Detenting via accessory  |
| Type of control                            | Pilot-controlled   |
| Pilot air supply port                      | Internal   |
| Flow direction                             | Non-reversible   |
| Symbol                                     | 00991041   |
| Lap  | Overlap  |
| b-value                                    | 0.36   |
| C value                                    | 2.55 l/sbar  |
| Switching time off                         | 28 ms  |
| On switching time                          | 10 ms  |
| Duty cycle                                 | 100%   |
| Coil characteristics                       | 110 V AC: 50/60 Hz, initial power 3.0 VA, holding power 2.4 VA                       |
| 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)                   |
| Vibration resistance                       | Transport application test with severity level 1 as per FN 942017-4 and EN 60068-2-6 |
| Shock resistance                           | Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27                |
| Corrosion resistance class (CRC)           | 2 - Moderate corrosion stress  |

| Feature                      | Value  |
|------------------------------|--|
| Storage temperature          | -20 °C ... 40 °C   |
| Temperature of medium        | -5 °C ... 50 °C  |
| Noise level                  | 75 dB(A)   |
| Pilot medium                 | Compressed air as per ISO 8573-1:2010 [7:4:4]                |
| Ambient temperature          | -5 °C ... 50 °C  |
| Product weight               | 105 g  |
| Electrical connection        | Form C<br>Plug<br>as per EN 175301-803<br>Rectangular design |
| Type of mounting             | On terminal strip  |
| Pilot exhaust air port 82/84 | Sub-base   |
| Pneumatic connection 1       | Sub-base   |
| Pneumatic connection 2       | G1/8   |
| Pneumatic connection 3       | Sub-base   |
| Note on materials            | RoHS-compliant   |
| Seals material               | HNBR<br>NBR  |
| Housing material             | Die-cast aluminum  |