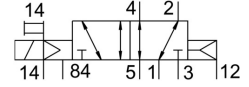
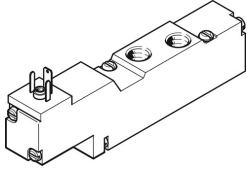


# Air solenoid valve MEBH-5/2-1/8-P-L-S-B

Part number: 173015

FESTO



## Data sheet

| Feature                                  | Value  |
|--|--|
| Valve function                           | 5/2, monostable  |
| Actuation type                           | Electrical   |
| Width                                    | 17.8 mm  |
| Standard nominal flow rate               | 600 l/min  |
| Pneumatic working port                   | G1/8   |
| Operating voltage                        | 24V DC   |
| Operating pressure                       | -0.9 bar ... 10 bar  |
| Structural design                        | Piston gate valve  |
| Reset method                             | Pneumatic spring   |
| Certification                            | c UL us - Recognized (OL)  |
| 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                    | External   |
| Flow direction                           | Reversible   |
| Symbol                                   | 00991026   |
| Lap                                      | Overlap  |
| Pilot pressure                           | 2.5 bar ... 8 bar  |
| b-value                                  | 0.4  |
| C value                                  | 2.95 l/sbar  |
| Switching time off                       | 18 ms  |
| On switching time                        | 15 ms  |
| Duty cycle                               | 100%   |
| Coil characteristics                     | 24 V DC: 2.5 W   |
| 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   |
| Pilot air port 12            | M3   |
| Pneumatic connection 1       | Sub-base   |
| Pneumatic connection 2       | G1/8   |
| Pneumatic connection 3       | Sub-base   |
| Pneumatic connection 4       | G1/8   |
| Pneumatic connection 5       | Sub-base   |
| Note on materials            | RoHS-compliant   |
| Seals material               | HNBR<br>NBR  |
| Housing material             | Die-cast aluminum  |