

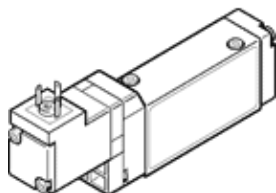
# Solenoid valve

## MEBH-5/2-5,0-L-B-230AC

Part number: 173114  
Product to be discontinued

FESTO

With solenoid coil and manual override, without socket.  
Type to be discontinued. Available until 2023. See Support Portal for alternative products.



## Data sheet

| Feature                                   | Value  |
|---|--|
| Valve function                            | 5/2 monostable   |
| Type of actuation                         | electrical   |
| Width                                     | 17.8 mm  |
| Standard nominal flow rate                | 700 l/min  |
| Working pressure                          | 2.5 ... 8 bar  |
| Design structure                          | Piston slide   |
| Type of reset                             | Air spring   |
| Authorization                             | c UL us - Recognized (OL)  |
| CE symbol (see declaration of conformity) | according to EU low voltage guideline  |
| Protection class                          | IP65   |
| Nominal size                              | 5 mm   |
| Grid dimension                            | 18 mm  |
| Exhaust-air function                      | throttleable   |
| Sealing principle                         | soft   |
| Assembly position                         | Any  |
| Manual override                           | with accessories, detenting  |
| Type of piloting                          | Piloted  |
| Pilot air supply                          | Internal   |
| Flow direction                            | non reversible   |
| Lap                                       | Positive overlap   |
| Pilot pressure                            | 2.5 ... 8 bar  |
| b value                                   | 0.38   |
| C value                                   | 2.75 l/sbar  |
| Switching time off                        | 18 ms  |
| Switching time on                         | 15 ms  |
| Duty cycle                                | 100 %  |
| Characteristic coil data                  | 230 V AC: 50/60 Hz, pick-up power 3 VA, holding power 2.4 VA                                   |
| Operating medium                          | Compressed air in accordance with ISO8573-1:2010 [7:4:4]                                       |
| Note on operating and pilot medium        | Lubricated operation possible (subsequently required for further operation)                    |
| Vibration resistance                      | Transport application test at severity level 1 in accordance with FN 942017-4 and EN 60068-2-6 |
| Shock resistance                          | Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27              |
| Corrosion resistance classification CRC   | 2 - Moderate corrosion stress  |
| Storage temperature                       | -20 ... 40 °C  |
| Medium temperature                        | -5 ... 50 °C   |
| Sound pressure level                      | 75 dB(A)   |
| Pilot medium                              | Compressed air in accordance with ISO8573-1:2010 [7:4:4]                                       |
| Ambient temperature                       | -5 ... 50 °C   |
| Product weight                            | 105 g  |
| Electrical connection                     | Plug pattern type C to EN 175301-803   |

| Feature                      | Value                                    |
|------------------------------|--|
|                              | Plug<br>to EN 175301-803<br>Cubic design |
| Mounting type                | On subbase                               |
| Pilot exhaust port 82/84     | Subbase                                  |
| Pilot air port 12            | Subbase                                  |
| Pilot air port 14            | Subbase                                  |
| Pneumatic connection, port 1 | Subbase                                  |
| Pneumatic connection, port 2 | Subbase                                  |
| Pneumatic connection, port 3 | Subbase                                  |
| Pneumatic connection, port 4 | Subbase                                  |
| Pneumatic connection, port 5 | Subbase                                  |
| Materials note               | Conforms to RoHS                         |
| Material seals               | HNBR<br>NBR                              |
| Material housing             | Aluminum die cast                        |