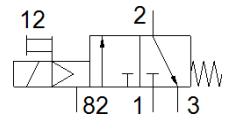
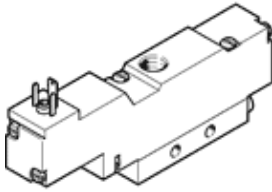


# solenoid valve MEBH-3/2-1/8-B-230AC

Part number: 173084

**FESTO**

With solenoid coil and manual override, without plug socket.



## Data sheet

| Feature                                 | Value                                                                                          |
|-----------------------------------------|------------------------------------------------------------------------------------------------|
| Valve function                          | 3/2 closed, monostable                                                                         |
| Type of actuation                       | electrical                                                                                     |
| Width                                   | 17.8 mm                                                                                        |
| Standard nominal flow rate              | 600 l/min                                                                                      |
| Operating pressure                      | 2 ... 8 bar                                                                                    |
| Design structure                        | Piston slide                                                                                   |
| Type of reset                           | mechanical spring                                                                              |
| Authorisation                           | c UL us - Recognized (OL)                                                                      |
| CE mark (see declaration of conformity) | to EU directive low-voltage devices                                                            |
| 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                                                                                 |
| Overlap                                 | Positive overlap                                                                               |
| b value                                 | 0.36                                                                                           |
| C value                                 | 2.55 l/sbar                                                                                    |
| Switching time off                      | 28 ms                                                                                          |
| Switching time on                       | 10 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<br>Plug<br>to EN 175301-803<br>Cubic design               |

| Feature                      | Value              |
|------------------------------|--------------------|
| Mounting type                | with through hole  |
| Pilot exhaust port 82/84     | M5                 |
| Pneumatic connection, port 1 | G1/8               |
| Pneumatic connection, port 2 | G1/8               |
| Pneumatic connection, port 3 | G1/8               |
| Materials note               | Conforms to RoHS   |
| Material seals               | HNBR<br>NBR        |
| Material housing             | Aluminium die cast |