

Solenoid valve

MEBH-5/2-1/8-L-S-B-110AC

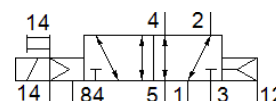
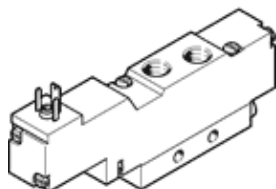
Part number: 173045
Product to be discontinued

FESTO

With solenoid coil and manual override, without socket.

This type is suitable for vacuum.

Type to be discontinued. Available until 2016. 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 | 600 l/min |
| Working pressure | -0.9 ... 10 bar |
| Design structure | Piston slide |
| Type of reset | Air spring |
| Protection class | IP65 |
| Authorization | c UL us - Recognized (OL) |
| 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 | external |
| Flow direction | reversible |
| Freedom from overlap | Yes |
| Note on forced dynamisation | Switching frequency at least once a week |
| Pilot pressure | 2.5 ... 8 bar |
| b value | 0.4 |
| C value | 2.95 l/sbar |
| Switching time off | 18 ms |
| Switching time on | 15 ms |
| Duty cycle | 100% |
| Characteristic coil data | 110 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) |
| CE symbol (see declaration of conformity) | according to EU low voltage guideline |
| 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 |
| 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 |

| Feature | Value |
|---------------------------------|--|
| Product weight | 105 g |
| Electrical connection | Plug Cubic design to EN 175301-803 Design C |
| Mounting type | with through hole |
| Pilot exhaust port 82/84 | M5 |
| Pilot air port 12 | M3 |
| Pneumatic connection, port 1 | G1/8 |
| Pneumatic connection, port 2 | G1/8 |
| Pneumatic connection, port 3 | G1/8 |
| Pneumatic connection, port 4 | G1/8 |
| Pneumatic connection, port 5 | G1/8 |
| Materials note | Conforms to RoHS |
| Materials information for seals | HNBR NBR |
| Materials information, housing | Aluminum die cast |