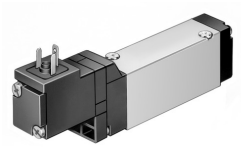
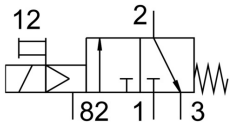
# Air solenoid valve
# MEBH-3/2-5,0-B-110AC

Part number: 173070






## Data sheet

| Feature | Value |
|---|---|
| Valve function | 3/2, closed, monostable |
| Actuation type | Electrical |
| Width | 17.8 mm |
| Standard nominal flow rate | 700 l/min |
| Pneumatic working port | Sub-base |
| 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 | 0.38 |
| C value | 2.75 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 sub-base |
| Pilot exhaust air port 82/84 | Sub-base |
| Pilot air port 12 | Sub-base |
| Pilot air port 14 | Sub-base |
| Pneumatic connection 1 | Sub-base |
| Pneumatic connection 2 | Sub-base |
| Pneumatic connection 3 | Sub-base |
| Note on materials | RoHS-compliant |
| Seals material | HNBR<br>NBR |
| Housing material | Die-cast aluminum |