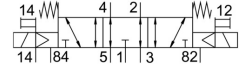
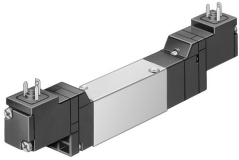


Air solenoid valve

MEBH-5/3E-5,0-S-B-230AC

FESTO

Part number: 173120



Data sheet

| Feature | Value |
|--|--|
| Valve function | 5/3, exhausted |
| Actuation type | Electrical |
| Width | 17.8 mm |
| Standard nominal flow rate | 500 l/min |
| Pneumatic working port | Sub-base |
| Operating voltage | 230V AC |
| Operating pressure | -0.9 bar ... 10 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 | External |
| Flow direction | Reversible |
| Symbol | 00991198 |
| Lap | Overlap |
| Pilot pressure | 3 bar ... 8 bar |
| b-value | 0.5 |
| C value | 1.54 l/sbar |
| Switching time off | 25 ms |
| On switching time | 12 ms |
| Duty cycle | 100% |
| Coil characteristics | 230 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 |

| Feature | Value |
|----------------------------------|--|
| Corrosion resistance class (CRC) | 2 - Moderate corrosion stress |
| 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 | 150 g |
| Electrical connection | Form C Plug as per EN 175301-803 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 |
| Pneumatic connection 4 | Sub-base |
| Pneumatic connection 5 | Sub-base |
| Note on materials | RoHS-compliant |
| Seals material | HNBR NBR |
| Housing material | Die-cast aluminum |