

Solenoid valve

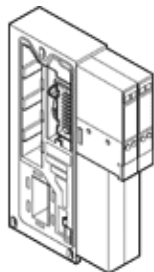
JMT2H-5/2-4,0-S-VI-B

Part number: 159453
Product to be discontinued

FESTO

For valve manifold

Type to be discontinued. Available until 2017. See Support Portal for alternative products.



Data sheet

| Feature | Value |
|---|--|
| Valve function | 5/2 bistable |
| Type of actuation | electrical |
| Width | 17.8 mm |
| Standard nominal flow rate | 700 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 | 4 ... 6 bar |
| b value | 0.38 |
| C value | 2.75 l/sbar |
| Switching time reversal | 10 ms |
| Duty cycle | 100% |
| Characteristic coil data | 24 V DC: 2.5 W |
| 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 SG2 to FN/EN |
| 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 |
| Product weight | 146 g |
| Electrical connection | Plug Cubic design to EN 175301-803 |

| Feature | Value |
|---------------------------------|-------------------|
| | Design C |
| 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 |
| Materials information for seals | NBR HNBR |
| Materials information, housing | Aluminum die cast |