

Pneumatic valve

JH-5-1/2

Part number: 10165

FESTO



Data sheet

| Feature | Value |
|---|---|
| Valve function | 5/2 bistable |
| Type of actuation | pneumatic |
| Width | 52 mm |
| Standard nominal flow rate | 4,500 l/min |
| Operating pressure MPa | 0 ... 1 MPa |
| Working pressure | 0 ... 10 bar |
| Design structure | Poppet seat |
| Nominal size | 14 mm |
| Grid dimension | 69 mm |
| Exhaust-air function | throttleable |
| Sealing principle | soft |
| Assembly position | Any |
| Manual override | detenting |
| Type of piloting | direct |
| Pilot air supply | external |
| Flow direction | non reversible |
| Lap | Underlap |
| Pilot pressure MPa | 0.12 ... 1 MPa |
| Pilot pressure | 1.2 ... 10 bar |
| b value | 0.3 |
| Max. switching frequency | 12 Hz |
| Switching time reversal | 3 ms |
| 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) |
| Corrosion resistance classification CRC | 1 - Low corrosion stress |
| PWIS conformity | VDMA24364-B1/B2-L |
| Storage temperature | -20 ... 60 °C |
| Medium temperature | -10 ... 60 °C |
| Pilot medium | Compressed air in accordance with ISO8573-1:2010 [7:4:4] |
| Ambient temperature | -10 ... 60 °C |
| Product weight | 1,130 g |
| Mounting type | on manifold rail with through hole Optional |
| Auxiliary pilot air port 12 | G1/4 |
| Auxiliary pilot air port 14 | G1/4 |
| Pilot air port 12 | G1/4 |
| Pneumatic connection, port 1 | G1/2 |
| Pneumatic connection, port 2 | G1/2 |
| Pneumatic connection, port 3 | G1/2 |
| Pneumatic connection, port 4 | G1/2 |
| Pneumatic connection, port 5 | G1/2 |
| Materials note | Conforms to RoHS |
| Material seals | NBR TPE-U(PU) |
| Material housing | Aluminum die cast |