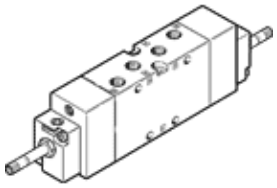
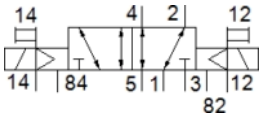
# Solenoid valve
# JMFH-5-1/8-S-B

Part number: 30487

With manual overrides, without solenoid coils or sockets. Solenoid coils and sockets should be ordered separately.






## Data sheet

| Feature | values |
|---|---|
| Valve function | 5/2 bistable |
| Type of actuation | electrical |
| Width | 26 mm |
| Standard nominal flow rate | 1,000 l/min |
| Working pressure | -0.9 ... 10 bar |
| Design structure | Piston slide |
| Nominal size | 8 mm |
| Sealing principle | soft |
| Assembly position | Any |
| Manual override | Pushing |
| 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 ... 10 bar |
| Max. switching frequency | 3 Hz |
| Switching time reversal | 12 ms |
| Max. positive test pulse with logic 0 | 2,200 µs |
| Max. negative test pulse with logic 1 | 3,700 µs |
| 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 |
| Storage temperature | -40 ... 60 °C |
| Medium temperature | -10 ... 60 °C |
| Pilot medium | Compressed air in accordance with ISO8573-1:2010 [7:4:4] |
| Ambient temperature | -5 ... 40 °C |
| Product weight | 400 g |
| Electrical connection | Via F coil, must be ordered separately |
| Mounting type | Optional<br>On PR manifold<br>with through hole |
| Auxiliary pilot air port 12 | G1/8 |
| Auxiliary pilot air port 14 | G1/8 |
| Pilot exhaust port 82 | M5 |
| Pilot exhaust port 84 | M5 |
| Pilot air port 12 | G1/8 |
| Pilot air port 14 | G1/8 |
| 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 | NBR |
| Materials information, housing | Aluminum die cast |