

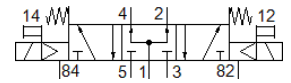
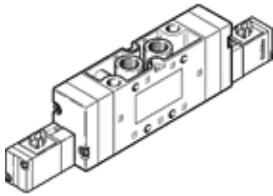
solenoid valve

MVH-5/3B-3/8-B

Part number: 19699

FESTO

With solenoid coil and manual override, without plug socket.



Data sheet

| Feature | Value |
|---|---|
| Valve function | 5/3 pressurised |
| Type of actuation | electrical |
| Width | 40 mm |
| Standard nominal flow rate | 2,600 l/min |
| Operating pressure | 3 ... 10 bar |
| Design structure | Piston slide |
| Type of reset | mechanical spring |
| Nominal size | 12 mm |
| Grid dimension | 41 mm |
| Exhaust-air function | throttleable |
| Sealing principle | soft |
| Assembly position | Any |
| Manual override | Pushing |
| Type of piloting | Piloted |
| Pilot air supply | Internal |
| Flow direction | non reversible |
| Overlap | Positive overlap |
| Max. switching frequency | 3 Hz |
| Switching time off | 92 ms |
| Switching time on | 35 ms |
| Switching time reversal | 73 ms |
| Max. positive test pulse with logic 0 | 2,200 µs |
| Max. negative test pulse with logic 1 | 3,700 µs |
| Characteristic coil data | 24 V DC: 2.5 W |
| Permissible voltage fluctuation | +/- 10 % |
| 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 |
| Storage temperature | -40 ... 60 °C |
| Medium temperature | -5 ... 50 °C |
| Ambient temperature | -5 ... 50 °C |
| Product weight | 1,000 g |
| Mounting type | On PR manifold with through hole Optional |
| Pilot exhaust port 82 | M5 |
| Pilot exhaust port 84 | M5 |
| Pneumatic connection, port 1 | G3/8 |
| Pneumatic connection, port 2 | G3/8 |
| Pneumatic connection, port 3 | G3/8 |
| Pneumatic connection, port 4 | G3/8 |
| Pneumatic connection, port 5 | G3/8 |
| Materials note | Conforms to RoHS |
| Material seals | NBR |
| Material housing | Aluminium die cast |