

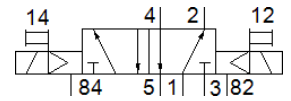
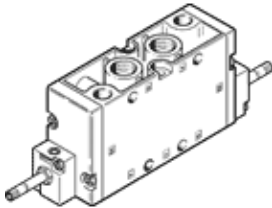
solenoid valve

JMFH-5-3/8-B-EX

Part number: 535932

FESTO

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



Data sheet

| Feature | Value |
|---|---|
| Valve function | 5/2 bistable |
| Type of actuation | electrical |
| Width | 40 mm |
| Standard nominal flow rate | 2,000 l/min |
| Operating pressure | 2 ... 10 bar |
| Design structure | Piston slide |
| Type of reset | mechanical spring |
| CE mark (see declaration of conformity) | to EU directive explosion protection (ATEX) |
| ATEX category Gas | II 2G |
| ATEX category Dust | II 2D |
| Explosion ignition protection type Gas | Ex h IIC T4 Gb |
| Explosion ignition protection type Dust | Ex h IIIC T130°C Db |
| Explosion-proof ambient temperature | -5 °C ≤ Ta ≤ +40 °C |
| Protection class | IP65 |
| 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 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 - Low corrosion stress |
| Storage temperature | -40 ... 60 °C |
| Medium temperature | -5 ... 40 °C |
| Ambient temperature | -5 ... 40 °C |
| Product weight | 650 g |
| Electrical connection | Via F coil, must be ordered separately |
| Mounting type | with through hole |
| 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 |

| Feature | Value |
|------------------------------|--------------------|
| 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 |