

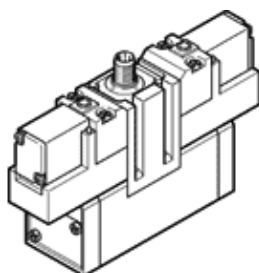
Solenoid valve

MEBH-5/3B-D-3-ZSR-C

Part number: 184513

FESTO

With central plug connector



Data sheet

| Feature | Value |
|---|---|
| Valve function | 5/3 pressurized |
| Type of actuation | electrical |
| Width | 65 mm |
| Standard nominal flow rate | 4,000 l/min |
| Operating pressure MPa | 0.3 ... 1 MPa |
| Working pressure | 3 ... 10 bar |
| Design structure | Piston slide |
| Type of reset | mechanical spring |
| Protection class | IP65 |
| Nominal size | 14.5 mm |
| Grid dimension | 71 mm |
| Exhaust-air function | throttleable |
| Sealing principle | soft |
| Assembly position | Any |
| Conforms to standard | ISO 5599-1 |
| Manual override | Pushing |
| ISO code | 358 |
| Type of piloting | Piloted |
| Pilot air supply | Internal |
| Flow direction | non reversible |
| Switching time off | 130 ms |
| Switching time on | 38 ms |
| 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) |
| Corrosion resistance classification CRC | 2 - Moderate corrosion stress |
| PWIS conformity | VDMA24364-B1/B2-L |
| Medium temperature | -10 ... 50 °C |
| Ambient temperature | -10 ... 50 °C |
| Product weight | 1,120 g |
| Electrical connection | M12x1 Central plug Round design |
| Mounting type | with through hole |
| Pilot exhaust port 82 | Non-ducted |
| Pilot exhaust port 84 | Non-ducted |
| Pneumatic connection, port 1 | Connection plate size 3 as per ISO 5599-1 |
| Pneumatic connection, port 2 | Connection plate size 3 as per ISO 5599-1 |
| Pneumatic connection, port 3 | Connection plate size 3 as per ISO 5599-1 |
| Pneumatic connection, port 4 | Connection plate size 3 as per ISO 5599-1 |
| Pneumatic connection, port 5 | Connection plate size 3 as per ISO 5599-1 |
| Material seals | NBR |
| Material housing | Aluminum die cast |