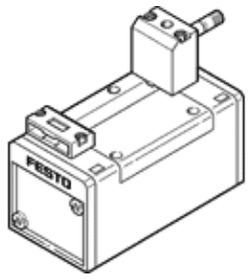
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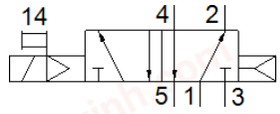
# solenoid valve
# MFH-5/2-D-1-C

Part number: 150981

FESTO

With manual override, without solenoid coil or socket. Solenoid coil and socket should be ordered separately.




## Data sheet

| Feature | Value |
|---|---|
| Valve function | 5/2 monostable |
| Type of actuation | electrical |
| Width | 42 mm |
| Standard nominal flow rate | 1,200 l/min |
| Operating pressure | 2 ... 10 bar |
| Design structure | Piston slide |
| Type of reset | Air spring |
| Maritime classification | see certificate |
| Protection class | IP65 |
| Nominal size | 8 mm |
| Grid dimension | 43 mm |
| Exhaust-air function | throttleable |
| Sealing principle | soft |
| Assembly position | Any |
| Conforms to standard | ISO 5599-1 |
| Manual override | with accessories, detenting<br>Pushing |
| ISO code | 151 |
| Type of piloting | Piloted |
| Pilot air supply | Internal |
| Flow direction | non reversible |
| Overlap | Positive overlap |
| Switching time off | 35 ms |
| Switching time on | 23 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) |
| Vibration resistance | Transport application test at severity level 1 in accordance with FN 942017-4 and EN 60068-2-6 |
| Shock resistance | Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27 |
| Medium temperature | -10 ... 60 °C |
| Sound pressure level | 85 dB(A) |
| Pilot medium | Compressed air in accordance with ISO8573-1:2010 [7:4:4] |
| Ambient temperature | -5 ... 40 °C |
| Product weight | 390 g |
| Electrical connection | Via F coil, must be ordered separately |
| Mounting type | On sub-base<br>with through hole |
| Pilot air port 12 | Connection plate size 1 as per ISO 5599-1 |
| Pilot air port 14 | Connection plate size 1 as per ISO 5599-1 |

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| Feature | Value |
|---|---|
| Pneumatic connection, port 1 | Connection plate size 1 as per ISO 5599-1 |
| Pneumatic connection, port 2 | Connection plate size 1 as per ISO 5599-1 |
| Pneumatic connection, port 3 | Connection plate size 1 as per ISO 5599-1 |
| Pneumatic connection, port 4 | Connection plate size 1 as per ISO 5599-1 |
| Pneumatic connection, port 5 | Connection plate size 1 as per ISO 5599-1 |
| Materials note | Conforms to RoHS |
| Material seals | HNBR<br>NBR |
| Material housing | Aluminium die cast |