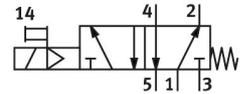


Solenoid valve

MEBH-5/2-D-3-ZSR-FR-C

Part number: 184508

FESTO



Data sheet

| Feature | Value |
|---|--|
| Valve function | 5/2-way, monostable |
| Type of actuation | Electric |
| Construction width | 65 mm |
| Standard nominal flow rate (standardised to DIN 1343) | 4500 l/min |
| pneumatic working port | Sub-base size 3 to ISO 5599-1 G1/2 |
| Operating voltage | 24V DC |
| Operating pressure | 0.3 MPa...1 MPa 3 bar...10 bar |
| Design | Piston gate valve |
| Type of reset | Mechanical spring |
| Degree of protection | IP65 |
| Nominal size | 14.5 mm |
| Grid dimension | 71 mm |
| Exhaust-air function | With flow control option |
| Sealing principle | Soft |
| Mounting position | optional |
| Conforms to standard | ISO 5599-1 |
| Manual override | Non-detenting |
| ISO code | 351 |
| Type of piloting | Pilot actuated |
| Pilot air supply | Internal |
| Flow direction | Non-reversible |
| Switching time off | 109 ms |
| Switching time on | 28 ms |
| Characteristic coil data | 24 V DC: 2.5 W |
| Operating medium | Compressed air to ISO 8573-1:2010 [7:4:4] |
| Note on operating and pilot medium | Lubricated operation possible (in which case lubricated operation will always be required) |
| Corrosion resistance class CRC | 2 - Moderate corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Media temperature | -10 °C...50 °C |

| Feature | Value |
|------------------------------|---------------------------------------|
| Ambient temperature | -10 °C...50 °C |
| Product weight | 1000 g |
| Electrical connection | M12x1 Central plug Round design |
| Type of mounting | With through-hole |
| Pilot exhaust port 84 | Not ducted |
| Pneumatic connection, port 1 | Sub-base size 3 to ISO 5599-1 |
| Pneumatic connection, port 2 | Sub-base size 3 to ISO 5599-1 |
| Pneumatic connection, port 3 | Sub-base size 3 to ISO 5599-1 |
| Pneumatic connection, port 4 | Sub-base size 3 to ISO 5599-1 |
| Pneumatic connection, port 5 | Sub-base size 3 to ISO 5599-1 |
| Material seals | NBR |
| Material housing | Die-cast aluminium |