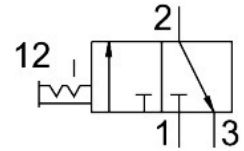



On/off valve MS6-EM1-1/2-F1A

Part number: 8183562

FESTO



 General operating condition

Data sheet

| Feature | Value |
|---|---|
| Design | Rotary gate valve |
| Type of actuation | Manual |
| Exhaust-air function | Without flow control option |
| Type of piloting | Direct |
| Instructions on use | Foreign particles can adhere to the product or form during installation. Depending on the application, it may be necessary to purge the product with clean compressed air, to clean it after installation and operate it with ducted exhaust air. |
| Symbol | 00991670 |
| Valve function | 3/2 double solenoid |
| Operating pressure | 0 bar ... 18 bar |
| C value | 30.8 l/sbar |
| b value | 0.57 |
| Standard nominal flow rate (standardised to DIN 1343) | 8700 l/min |
| Operating medium | Compressed air to ISO 8573-1:2010 [7:4:4] Inert gases |
| 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 |
| Note on materials | RoHS-compliant |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Suitability for the production of Li-ion batteries | Metals with more than 1% by mass of copper, zinc or nickel are excluded from use. The exceptions are nickel in steel, chemically nickel-plated surfaces, circuit boards, cables, electrical plug connectors and coils |
| Media temperature | -10 °C ... 60 °C |
| Ambient temperature | -10 °C ... 60 °C |
| Suitable for use with food | See supplementary material information |
| Type of mounting | In-line installation With accessories Either: |
| Mounting position | optional |
| Flow direction | Non-reversible |
| Product weight | 580 g |
| Pneumatic connection, port 1 | G1/2 |
| Pneumatic connection, port 2 | G1/2 |
| Pneumatic connection, port 3 | G1/2 |
| Material seals | TPE-U(PU) |
| Material housing | Die-cast aluminium |