

Soft start/quick exhaust valve MS9-SV

Part number: 562176

FESTO



Data sheet

| Feature | Value |
|---|--|
| Series | MS |
| Size | 9 |
| Grid dimension | 90 mm |
| Safety function | Exhaust |
| Performance Level (PL) | Exhausting/up to category 1, performance level c |
| Design | Piston gate valve |
| Type of actuation | Electric |
| Sealing principle | Soft |
| Exhaust-air function | Without flow control option |
| Manual override | None On pilot solenoid valves: non-detenting; on soft-start/quick exhaust valve: detenting, self-resetting |
| Type of reset | Mechanical spring |
| Type of piloting | Pilot actuated |
| Valve function | 3/2-way, closed, monostable Soft-start function |
| Operating pressure | 0.35 MPa...1.6 MPa 3.5 bar...16 bar |
| Pressure gauge (ANALOG) or Pressure display (DIGITAL) | Prepared for G1/4 Prepared for G1/8 Red/green scale Via pressure sensor With pressure gauge Via operational status indicator |
| Standard nominal flow rate (standardised to DIN 1343) | 8300 l/min...16550 l/min |
| Duty cycle | 100% |
| Characteristic coil data | 110 V AC: 50/60 Hz, pick-up power 14.5 VA, holding power 10.5 VA 230 V AC: 50/60 Hz, pick-up power 14.5 VA, holding power 10.5 VA 24 V DC: 2.7 W 24 V DC: 8.4 W |
| Nominal operating voltage DC | 110 V 230 V 24 V |
| Permissible voltage fluctuations | +/- 10 % |
| Operating medium | Compressed air to ISO 8573-1:2010 [7:4:4] |

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|--|--|
| 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 |
| Degree of protection | IP65 |
| Media temperature | 0 °C...60 °C |
| Ambient temperature | 0 °C...60 °C |
| Storage temperature | 0 °C...60 °C |
| Shock resistance | Shock test with severity level 1 to FN 942017-5 and EN 60068-2-27 |
| Vibration resistance | Transport application test with severity level 1 to FN 942017-4 and EN 60068-2-6 |
| Approval | c UL us - Recognized (OL) |
| CE mark (see declaration of conformity) | To EU EMC Directive To EC Machinery Directive In accordance with EU RoHS Directive |
| UKCA marking (see declaration of conformity) | To UK instructions for EMC To UK regulations for machines To UK RoHS instructions |
| Type of mounting | In-line installation With accessories Either: |
| Mounting position | optional |
| Pressure gauge connection | G1/8 G1/4 |
| Electrical connection | Type A Plugs To EN 175301-803 Square design |
| Material housing | Die-cast aluminium |
| Material seals | NBR |
| Material piston slide | Brass |
| Material cover | Wrought aluminium alloy |
| Material underneath cover | PA |