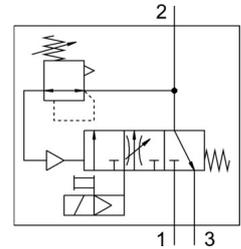


Soft start/quick exhaust valve MS9-SV

Part number: 562176

FESTO



Data sheet

Overall data sheet – Individual values depend upon your configuration.

| Feature | Value |
|--|--|
| Series | MS |
| Size | 9 |
| Width dimension | 90 mm |
| Type code | MS9-SV |
| Safety function | Exhausting |
| Performance Level (PL) | Exhaust/up to category 1, performance level c |
| Structural design | Piston gate valve |
| Actuation type | Electrical |
| Sealing principle | Soft |
| Exhaust air function | Without flow control option |
| Manual override | None At pilot control air solenoid valve: non-detenting, at soft start/quick exhaust valve: detenting, self-resetting |
| Reset method | Mechanical spring |
| Type of control | Pilot-controlled |
| Symbol | 00995240 |
| Valve function | 3/2, closed, monostable Pressure build-up function |
| Operating pressure | 3.5 bar ... 16 bar |
| Pressure gauge | G1/4 prepared G1/8 prepared Red-green scale with pressure sensor with pressure gauge with switch indicator |
| Standard nominal flow rate | 8300 l/min ... 16550 l/min |
| Duty cycle | 100% |
| Coil characteristics | 110 V AC: 50/60 Hz, initial power 14.5 VA, holding power 10.5 VA 230 V AC: 50/60 Hz, initial power 14.5 VA, holding power 10.5 VA 24 V DC: 2.7 W 24 V DC: 8.4 W |
| Permissible voltage fluctuations | +/- 10 % |
| Operating medium | Compressed air as per ISO 8573-1:2010 [7:4:4] |
| Information on operating and pilot media | Operation with oil lubrication possible (required for further use) |
| Corrosion resistance class (CRC) | 2 - Moderate corrosion stress |
| Note on materials | RoHS-compliant |

| Feature | Value |
|--|--|
| Degree of protection | IP65 |
| Temperature of medium | 0 °C ... 60 °C |
| Ambient temperature | 0 °C ... 60 °C |
| Storage temperature | 0 °C ... 60 °C |
| Shock resistance | Shock test with severity level 1 as per FN 942017-5 and EN 60068-2-27 |
| Vibration resistance | Transport application test with severity level 1 as per FN 942017-4 and EN 60068-2-6 |
| Certification | c UL us - Recognized (OL) |
| CE marking (see declaration of conformity) | As per EU low voltage directive |
| Type of mounting | Optionally: Line installation With accessories |
| Mounting position | Any |
| Pressure gauge connection | G1/4 G1/8 |
| Electrical connection | Form A Plug as per EN 175301-803 Rectangular design |
| Housing material | Die-cast aluminum |
| Seals material | NBR |
| Piston slide material | Brass |
| Cover material | Wrought aluminum alloy |
| Lower cover material | PA |