

Soft start/quick exhaust valve MS6(N)-SV

Part number: 548713

FESTO



Data sheet

Overall data sheet – Individual values depend upon your configuration.

| Feature | Value |
|-----------------------------|---|
| Series | MS |
| Size | 6 |
| Width dimension | 62 mm |
| Safety function | Exhausting Prevention of unexpected start-up (pressurization) |
| Note on forced dynamization | Switching frequency at least once a month |
| Structural design | Piston gate valve Piston seat |
| Actuation type | Electrical |
| Pilot air supply port | Internal |
| 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 At pilot control air solenoid valve: non-detenting, detenting, at soft start/quick exhaust valve: detenting, self-resetting |
| Reset method | Mechanical spring |
| Type of control | Pilot-controlled |
| Valve function | 3/2, closed, monostable Pressure build-up function |
| Operating pressure | 3 bar ... 10 bar |
| Pressure gauge | G1/4 prepared G1/8 prepared Red-green scale with pressure sensor with pressure sensor with LCD display with pressure sensor with switching indicator with pressure gauge |
| Standard nominal flow rate | 4300 l/min ... 5700 l/min |
| Duty cycle | 100% |
| Signal status display | LED Floating contact Switching outputs Via AS-i |
| Coil characteristics | 110 V AC: 50/60 Hz, initial power 3.0 VA, holding power 2.4 VA 230 V AC: 50/60 Hz, initial power 3.0 VA, holding power 2.4 VA 24 V DC: 1.5 W 24 V DC: 1.8 W |
| Operating medium | Compressed air as per ISO 8573-1:2010 [7:4:4] |

| Feature | Value |
|--|---|
| 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 |
| Degree of protection | IP65 With plug socket |
| Temperature of medium | -10 °C ... 60 °C |
| Ambient temperature | -10 °C ... 60 °C |
| Storage temperature | -10 °C ... 60 °C |
| Shock resistance | Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27 |
| Vibration resistance | Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6 |
| Certification | RCM compliance mark c UL us - Recognized (OL) |
| KC characters | KC EMC |
| CE marking (see declaration of conformity) | As per EU EMC directive as per EU machinery directive As per EU low voltage directive |
| Certificate issuing authority | IFA 1001180 German Technical Control Board (TÜV) 44 799 12 556236 000 |
| For use in the food industry | See supplementary material information |
| Type of mounting | Optionally: Line installation With accessories |
| Mounting position | Any |
| Housing material | Die-cast aluminum |
| Seals material | NBR |
| Piston rod material | High-alloy stainless steel |