Air solenoid valve VSVA-B-M52-MH-A1-1R5L

Part number: 534556

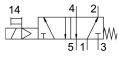


Data sheet

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| forms to standard ISO : nual override Non- e of control Pilot | |
| aual override Non- e of control Pilot | |
| e of control Pilot | 15407-1 |
| | detenting |
| t air supply port Inter | -controlled |
| | nal |
| v direction Non- | reversible |
| bol 0099 | 21003 |
| Over | lap |
| erse polarity protection for a | ll electrical connections |
| | ing current reduction ty shut-down |
| al status display LED | |
| lue 0.25 | |
| lue 4.5 L | |



FESTO



| Feature | Value |
|--|--|
| Flow rate of pneumatic valve | 1400 l/min |
| Flow rate of pneumatic valve on individual sub-base | 1100 l/min |
| Optimized flow rate of pneumatic valve pneumatically concatenated flow | 1100 l/min |
| Switching time off | 52 ms |
| On switching time | 20 ms |
| Duty cycle | 100% |
| Max. positive test pulse with 0 signal | 500 μs |
| Max. negative test pulse on 1 signal | 500 μs |
| Nominal pick-up current per solenoid coil | 110 mA to 20 ms |
| Nominal current with current reduction | 30 mA after 20 ms |
| Coil characteristics | 24 V DC: low-current phase 1.0 W, high-current phase 2.4 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) |
| Vibration resistance | Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6 |
| Shock resistance | Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27 |
| Corrosion resistance class (CRC) | 2 - Moderate corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Temperature of medium | -5 ℃ 50 ℃ |
| Relative air humidity | 0 - 90 % |
| Protection against direct and indirect contact | PELV |
| Pilot medium | Compressed air as per ISO 8573-1:2010 [7:4:4] |
| Ambient temperature | -5 ℃ 50 ℃ |
| Max. tightening torque for valve mounting | 1.8 Nm 2.2 Nm |
| Product weight | 270 g |
| Electrical connection | 3-pin M12x1 Central plug Round design |
| Type of mounting | On sub-base With through-hole and screw |
| Note on materials | RoHS-compliant |
| Seals material | FPM HNBR NBR |
| Housing material | Die-cast aluminum |