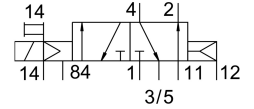
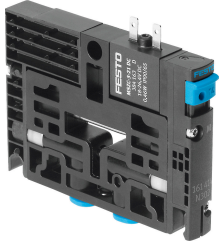


Air solenoid valve CPV10-M1H-5LS-M7-B-EX

Part number: 550696

FESTO



Data sheet

| Feature | Value |
|-----------------------------------|--|
| Valve function | 5/2, monostable |
| Actuation type | Electrical |
| Valve size | 10 mm |
| Standard nominal flow rate | 400 l/min |
| Pneumatic working port | M7 |
| Operating voltage | 24V DC |
| Operating pressure | 0 MPa...1 MPa 0 bar...10 bar |
| Structural design | Piston gate valve |
| Reset method | Pneumatic spring |
| Degree of protection | IP50 |
| Nominal width | 4 mm |
| Exhaust air function | Without flow control option |
| Sealing principle | Soft |
| Mounting position | Any |
| Manual override | Detenting Non-detenting |
| Type of control | Pilot-controlled |
| Pilot air supply port | External Internal |
| Flow direction | Non-reversible |
| Lap | Overlap |
| Pilot pressure MPa | 0.3 MPa...0.8 MPa |
| Pilot pressure | 3 bar...8 bar |
| b-value | 0.4 |
| C value | 1.6 l/sbar |
| Switching time off | 40 ms |
| On switching time | 17 ms |
| Duty cycle | 100% in combination with holding current reduction |
| Required current consumption | 0.016 A |
| Max. input power P _i | 0.76 W |
| Max. input voltage V _i | 32 V |

| Feature | Value |
|--|--|
| Max. input current Ii | 0.2 A |
| Effective internal inductance Li | Negligibly low |
| Effective internal capacitance Ci | Negligibly low |
| 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 |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Storage temperature | -20 °C...40 °C |
| Temperature of medium | -5 °C...50 °C |
| Ambient temperature | -5 °C...50 °C |
| Product weight | 70 g |
| Type of mounting | With through-hole |
| Pilot air port 12/14 | Common port |
| Pilot exhaust air port 82/84 | Common port |
| Pneumatic connection 1 | Common port |
| Pneumatic connection 11 | Common port |
| Pneumatic connection 2 | M7 |
| Pneumatic port 3/5 combined | Common port |
| Pneumatic connection 4 | M7 |
| Note on materials | RoHS-compliant |
| Seals material | HNBR NBR |
| Housing material | Die-cast aluminum Brass POM PPS Steel |