

solenoid valve

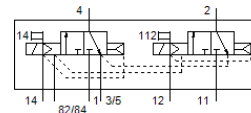
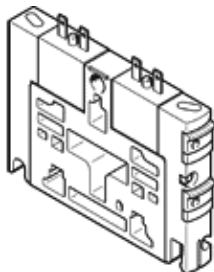
CPV10-M1H-2X3-GLS-K-M7

Part number: 553257

FESTO

For valve terminal CPV. The valve housing contains two 3/2-way valves, both of which are normally closed.

This type is suitable for vacuum.



Data sheet

| Feature | Value |
|---|---|
| Valve function | 2x3/2 closed, monostable |
| Type of actuation | electrical |
| Valve size | 10 mm |
| Standard nominal flow rate | 400 l/min |
| Operating pressure | -0.9 ... 10 bar |
| Design structure | Piston slide |
| Type of reset | Air spring |
| Protection class | IP65 |
| Nominal size | 4 mm |
| Exhaust-air function | not throttleable |
| Sealing principle | soft |
| Assembly position | Any |
| Manual override | detenting Pushing |
| Type of piloting | Piloted |
| Pilot air supply | external Internal |
| Flow direction | non reversible |
| Overlap | Positive overlap |
| Pilot pressure | 3 ... 8 bar |
| b value | 0.4 |
| C value | 1.6 l/sbar |
| Switching time off | 25 ms |
| Switching time on | 17 ms |
| Duty cycle | 100% with holding current reduction |
| Electrical power consumption | 0.46 W |
| Max. positive test pulse with logic 0 | 1,400 µs |
| Max. negative test pulse with logic 1 | 700 µs |
| Operating medium | Compressed air in accordance with ISO8573-1:2010 [7:4:4] |
| Note on operating and pilot medium | Lubricated operation possible (subsequently required for further operation) |
| Corrosion resistance classification CRC | 2 - Moderate corrosion stress |
| Storage temperature | -20 ... 40 °C |
| Medium temperature | -5 ... 50 °C |
| Ambient temperature | -5 ... 50 °C |
| Product weight | 70 g |
| Mounting type | with through hole |
| Auxiliary pilot air port 12/14 | Common line |
| Pilot exhaust port 82/84 | Common line |
| Pneumatic connection, port 1 | Common line with pressure cut-off |
| Pneumatic connection, 11 | Common line with pressure cut-off |
| Pneumatic connection, port 2 | M7 |

| Feature | Value |
|------------------------------|--|
| Pneumatic ports 3/5 combined | Common line |
| Pneumatic connection, port 4 | M7 |
| Materials note | Conforms to RoHS |
| Material seals | HNBR NBR |
| Material housing | Aluminium die cast Brass POM PPS Steel |