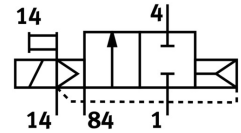
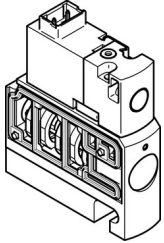


# Solenoid valve CPVSC1-M5H-D-T-Q3C

Part number: 547369

FESTO



General operating condition

## Data sheet

| Feature                                | Value                                                                                      |
|----------------------------------------|--------------------------------------------------------------------------------------------|
| Valve function                         | 2/2-way, closed, monostable                                                                |
| Type of actuation                      | Electric                                                                                   |
| Valve size                             | 10 mm                                                                                      |
| Standard nominal flow rate             | 150 l/min                                                                                  |
| pneumatic working port                 | QS-3                                                                                       |
| Operating voltage                      | 12V DC                                                                                     |
| Operating pressure                     | -0.09 MPa ... 0.7 MPa                                                                      |
| Operating pressure                     | -0.9 bar ... 7 bar                                                                         |
| Design                                 | Piston gate valve                                                                          |
| Type of reset                          | Pneumatic spring                                                                           |
| Approval                               | c UL us - Recognized (OL)                                                                  |
| Degree of protection                   | IP40                                                                                       |
| Exhaust-air function                   | Without flow control option                                                                |
| Sealing principle                      | Soft                                                                                       |
| Mounting position                      | optional                                                                                   |
| Manual override                        | Non-detenting                                                                              |
| Type of piloting                       | Pilot actuated                                                                             |
| Pilot air supply                       | External                                                                                   |
| Flow direction                         | Non-reversible                                                                             |
| Symbol                                 | 00991057                                                                                   |
| lap                                    | Overlap                                                                                    |
| Pilot pressure                         | 0.3 MPa ... 0.7 MPa                                                                        |
| Pilot pressure                         | 3 bar ... 7 bar                                                                            |
| Switching time off                     | 10 ms                                                                                      |
| Switching time on                      | 10 ms                                                                                      |
| Max. positive test pulse with 0 signal | 500 µs                                                                                     |
| Max. negative test pulse with 1 signal | 400 µs                                                                                     |
| Characteristic coil data               | 12 V DC: 1.0 W                                                                             |
| Operating medium                       | Compressed air to ISO 8573-1:2010 [7:4:4]                                                  |
| Note on operating and pilot medium     | Lubricated operation possible (in which case lubricated operation will always be required) |
| Vibration resistance                   | Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6           |
| Shock resistance                       | Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27                          |
| Corrosion resistance class CRC         | 1 - Low corrosion stress                                                                   |
| LABS (PWIS) conformity                 | VDMA24364-B2-L                                                                             |

| Feature                           | Value              |
|-----------------------------------|--------------------|
| Media temperature                 | -5 °C ... 50 °C    |
| Ambient temperature               | -5 °C ... 50 °C    |
| Product weight                    | 30.5 g             |
| Electrical connection             | 2-pin<br>Plugs     |
| Type of mounting                  | With through-hole  |
| Pilot exhaust port 82/84          | Common line        |
| Pneumatic connection, port 1      | Common line        |
| Pneumatic connection, port 2      | QS-3               |
| Pneumatic connection 3/5 combined | Common line        |
| Pneumatic connection, port 4      | QS-3               |
| Note on materials                 | RoHS-compliant     |
| Material seals                    | NBR                |
| Material housing                  | Die-cast aluminium |