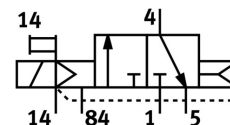
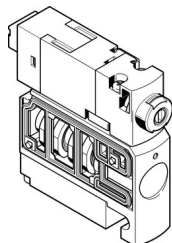


# Solenoid valve CPVSC1-M1LH-K-H-Q4C

Part number: 547330

FESTO



 [General operating condition](#)

## Data sheet

| Feature                            | Value                                                                                      |
|------------------------------------|--------------------------------------------------------------------------------------------|
| Valve function                     | 3/2-way, closed, monostable                                                                |
| Type of actuation                  | Electric                                                                                   |
| Valve size                         | 10 mm                                                                                      |
| Standard nominal flow rate         | 170 l/min                                                                                  |
| pneumatic working port             | QS-4                                                                                       |
| Operating voltage                  | 24V 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                                                                           |
| Degree of protection               | IP40                                                                                       |
| Exhaust-air function               | Without flow control option                                                                |
| Sealing principle                  | Soft                                                                                       |
| Mounting position                  | optional                                                                                   |
| Manual override                    | Detenting<br>Non-detenting                                                                 |
| Type of piloting                   | Pilot actuated                                                                             |
| Pilot air supply                   | External                                                                                   |
| Flow direction                     | Non-reversible                                                                             |
| Symbol                             | 00991401                                                                                   |
| lap                                | Overlap                                                                                    |
| Signal status display              | LED                                                                                        |
| Pilot pressure                     | 0.3 MPa ... 0.7 MPa                                                                        |
| Pilot pressure                     | 3 bar ... 7 bar                                                                            |
| Switching time off                 | 10 ms                                                                                      |
| Switching time on                  | 10 ms                                                                                      |
| Characteristic coil data           | 24 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                                                                             |
| Media temperature                  | -5 °C ... 50 °C                                                                            |

| Feature                           | Value              |
|-----------------------------------|--------------------|
| 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-4               |
| Pneumatic connection 3/5 combined | Common line        |
| Pneumatic connection, port 4      | QS-4               |
| Note on materials                 | RoHS-compliant     |
| Material seals                    | NBR                |
| Material housing                  | Die-cast aluminium |