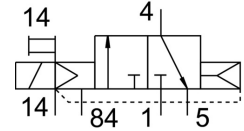
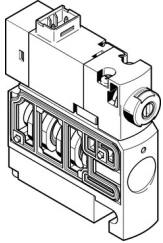


# Air solenoid valve CPVSC1-M1LH-K-T-M5C

Part number: 547304

FESTO



## Data sheet

| Feature                                  | Value  |
|--|--|
| Valve function                           | 3/2, closed, monostable  |
| Actuation type                           | Electrical   |
| Valve size                               | 10 mm  |
| Standard nominal flow rate               | 170 l/min  |
| Pneumatic working port                   | M5   |
| Operating voltage                        | 24V DC   |
| Operating pressure                       | -0.09 MPa ... 0.7 MPa  |
| Operating pressure                       | -0.9 bar ... 7 bar   |
| Structural design                        | Piston gate valve  |
| Reset method                             | Pneumatic spring   |
| Degree of protection                     | IP40   |
| Exhaust air function                     | Without flow control option  |
| Sealing principle                        | Soft   |
| Mounting position                        | Any  |
| Manual override                          | Detenting<br>Non-detenting   |
| Type of control                          | Pilot-controlled   |
| Pilot air supply port                    | External   |
| Flow direction                           | Non-reversible   |
| Symbol                                   | 00991401   |
| Lap                                      | Overlap  |
| Signal status display                    | LED  |
| Pilot pressure MPa                       | 0.3 MPa ... 0.7 MPa  |
| Pilot pressure                           | 3 bar ... 7 bar  |
| Switching time off                       | 10 ms  |
| On switching time                        | 10 ms  |
| Coil characteristics                     | 24 V DC: 1.0 W   |
| 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)         | 1 - Low corrosion stress   |
| LABS (PWIS) conformity                   | VDMA24364-B2-L   |
| Temperature of medium                    | -5 °C ... 50 °C  |
| Ambient temperature                      | -5 °C ... 50 °C  |

| Feature                      | Value             |
|------------------------------|-------------------|
| Product weight               | 30.5 g            |
| Electrical connection        | 2-pin<br>Plug     |
| Type of mounting             | With through-hole |
| Pilot exhaust air port 82/84 | Common port       |
| Pneumatic connection 1       | Common port       |
| Pneumatic connection 2       | M5                |
| Pneumatic port 3/5 combined  | Common port       |
| Pneumatic connection 4       | M5                |
| Note on materials            | RoHS-compliant    |
| Seals material               | NBR               |
| Housing material             | Die-cast aluminum |