

# Solenoid Valve CPVSC1-M1H-K-H-Q3C - Festo 547294

Item no. FES-547294

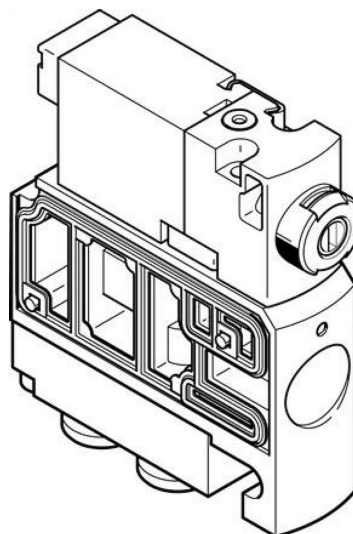
Manufacturer Festo

EAN 4052568187859

Festo valve for fast, reliable control of compressed-air direction and flow.

## TECHNICAL DATA

|                         |           |
|-------------------------|-----------|
| Betriebsdruck max [bar] | 7.000000  |
| HS-Code                 | 84812090  |
| Schutzart               | IP40      |
| Weight                  | 0.05 kg   |
| Werkstoff               | Aluminium |



## STANDARDS & COMPLIANCE

ISO 8573-1:2010 EN 60068-2-6 EN 60068-2-27

## DESCRIPTION

Festo valve for fast, reliable control of compressed-air direction and flow. The key technical data of this genuine Festo article are listed below.

|                             |                       |
|-----------------------------|-----------------------|
| Valve function              | 3/2 closed monostable |
| Actuation type              | Electrical            |
| Valve size [mm]             | 10                    |
| Normal nominal flow [l/min] | 170                   |
| Operating pressure [bar]    | -0.9 to 7             |
| Construction set up         | Piston pusher         |
| Reset mode                  | Pneumatic spring      |
| Protection category         | IP40                  |
| Exhaust function            | Cannot be throttled   |
| Sealing principle           | Soft                  |
| installation position       | arbitrary             |

|                                                |                                                                          |
|------------------------------------------------|--------------------------------------------------------------------------|
| Hand assist actuation                          | Ratcheting<br>tentative                                                  |
| Control type                                   | pilot operated                                                           |
| Control air supply                             | external                                                                 |
| Flow direction                                 | Not reversible                                                           |
| Überdeckung                                    | positive Überdeckung                                                     |
| Control pressure [bar]                         | 3 to 7                                                                   |
| Shifting time off [ms]                         | 10                                                                       |
| Shifting time on [ms]                          | 10                                                                       |
| Max. positive test impulse at 0 signal [µs]    | 500                                                                      |
| Max. negative test impulse for 1 signal [µs]   | 400                                                                      |
| Coil characteristic value                      | 24 V DC: 1 W                                                             |
| Operating medium                               | Compressed air to ISO 8573-1:2010 [7:4:4]                                |
| Information about operating and control medium | Oiled operation possible (required in further operations)                |
| Oscillation strength                           | Transport use test with severity level 2 to FN 942017-4 and EN 60068-2-6 |
| Shock resistance                               | Shock test with degree of severity 2 to FN 942017-5 and EN 60068-2-27    |
| Corrosion resistant class KBK                  | 1 - low corrosion stress                                                 |
| ambient temperature [°C]                       | -5 to 50                                                                 |
| Product weight [g]                             | 30,5                                                                     |
| Electrical connection                          | 2 pin<br>Plug                                                            |
| Fastening type                                 | With throughway bores                                                    |
| Exhaust control connection 82/84               | Hunt group                                                               |
| Pneumatic connection 1                         | Hunt group                                                               |
| Pneumatic connection 2                         | QS-3                                                                     |
| Pneumatic connection 3/5 combined              | Hunt group                                                               |
| Pneumatic connection 4                         | QS-3                                                                     |
| Material information                           | RoHs compliant                                                           |
| Seals material                                 | NBR                                                                      |
| Housing material                               | Aluminium die casting                                                    |
| Medium temperature [°C]                        | -5 to 50                                                                 |