

# Solenoid Valve CPVSC1-M1LH-N-T-Q30 - Festo 547310

Item no. FES-547310

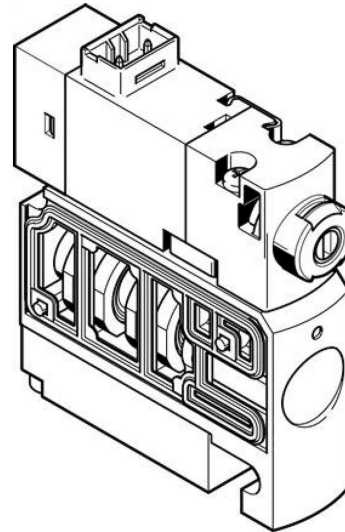
Manufacturer Festo

EAN 4052568188016

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

## TECHNICAL DATA

|                                |                                         |
|--------------------------------|-----------------------------------------|
| Actuation type                 | Electrical                              |
| Betriebsdruck max [bar]        | 7.000000                                |
| Corrosion resistance class CRC | 1 - low corrosion stress                |
| Design                         | Piston pusher                           |
| Dichtmaterial                  | NBR                                     |
| Durchfluss [l/min]             | 170                                     |
| Funktion                       | 3/2 open monostable                     |
| HS-Code                        | 84812090                                |
| Material                       | Aluminium                               |
| Medium                         | Compressed air                          |
| Mounting position              | arbitrary                               |
| Operating conditions           | EN 60068-2-27, EN 60068-2-6, ISO 8573-1 |
| Protection rating              | IP40                                    |
| Series                         | CPVSC1                                  |
| Temperature (max.)             | 50                                      |
| Weight                         | 0.031 kg                                |



## 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 open 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                |

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|------------------------------------------------|--------------------------------------------------------------------------|
| 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                                                                       |
| 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                                                                 |
| Signal condition display                       | LED                                                                      |