

# Solenoid Valve CPE24-M3H-5JS-3/8 - Festo 163839

Item no. FES-163839

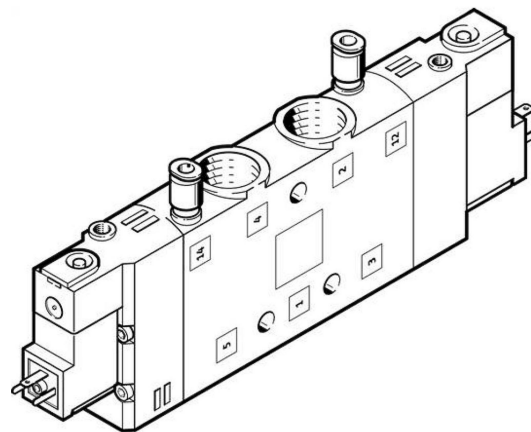
Manufacturer Festo

EAN 4052568135959

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

## TECHNICAL DATA

|                         |           |
|-------------------------|-----------|
| Betriebsdruck max [bar] | 10.000000 |
| HS-Code                 | 84812090  |
| Pneumatischer Anschluss | G3/8      |
| Schutzart               | IP65      |
| Weight                  | 0.42 kg   |
| Werkstoff               | Aluminium |



## STANDARDS & COMPLIANCE

IEC 60529 ISO 8573-1:2010 EN 60068-2-6 EN 60068-2-27 EN 175301-803

## 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              | 5/2 bistable                             |
| Actuation type              | Electrical                               |
| Build.width [mm]            | 24                                       |
| Normal nominal flow [l/min] | 3.200                                    |
| Operating pressure [bar]    | -0.9 to 10                               |
| Construction set up         | Piston pusher                            |
| Permission                  | c UL us - Recognized (OL)                |
| Maritime classification     | see Certificate                          |
| Protection category         | IP65<br>With Socket<br>acc. to IEC 60529 |
| Nominal width [mm]          | 11                                       |
| Sealing principle           | Soft                                     |

|                                                |                                                                          |
|------------------------------------------------|--------------------------------------------------------------------------|
| installation position                          | arbitrary                                                                |
| Hand assist actuation                          | With Accessories ratcheting<br>tentative                                 |
| Control type                                   | pilot operated                                                           |
| Control air supply                             | external                                                                 |
| Flow direction                                 | Reversible                                                               |
| Valve space - labelling                        | Sign carrier                                                             |
| Überdeckung                                    | positive Überdeckung                                                     |
| Power-on time                                  | 100 %                                                                    |
| Max. positive test impulse at 0 signal [µs]    | 3.300                                                                    |
| Max. negative test impulse for 1 signal [µs]   | 3.100                                                                    |
| Coil characteristic value                      | 230 V AC: 50/60 Hz, pull-in power 3 VA, holding power 2.4 VA             |
| Permitted voltage oscillations                 | -15 % / +10 %                                                            |
| 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                  | 2 - moderate corrosion stress                                            |
| Medium temperature [°C]                        | -5 to 50                                                                 |
| ambient temperature [°C]                       | -5 to 50                                                                 |
| Product weight [g]                             | 390                                                                      |
| Electrical connection                          | Wiring diagram Form C acc. to EN 175301-803                              |
| Fastening type                                 | With throughway bores                                                    |
| Exhaust control connection 82                  | M5                                                                       |
| Control air 12 connection                      | M5                                                                       |
| Pneumatic connection 1                         | G3/8                                                                     |
| Pneumatic connection 2                         | G3/8                                                                     |
| Pneumatic connection 3                         | G3/8                                                                     |
| Material information                           | RoHs compliant                                                           |
| Seals material                                 | NBR                                                                      |
| Housing material                               | Aluminium die casting                                                    |
| Exhaust function                               | Can be throttled                                                         |
| Exhaust control connection 84                  | M5                                                                       |
| Control air 14 connection                      | M5                                                                       |

|                        |                                           |
|------------------------|-------------------------------------------|
| Pneumatic connection 4 | G3/8                                      |
| Pneumatic connection 5 | G3/8                                      |
| Shifting time um [ms]  | 25                                        |
| Control pressure [bar] | 2 to 10                                   |
| control medium         | Compressed air to ISO 8573-1:2010 [7:4:4] |