

## Basic Valve CPE18-P1-5JS-1/4 - Festo 550156

Item no. FES-550156

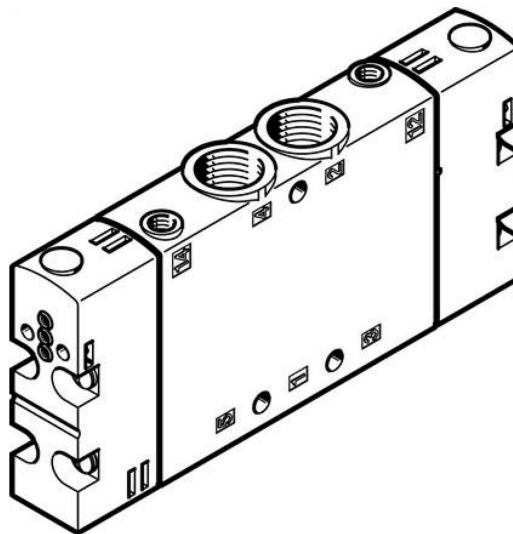
Manufacturer Festo

EAN 4052568191979

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

### TECHNICAL DATA

|                         |           |
|-------------------------|-----------|
| Betriebsdruck max [bar] | 10.000000 |
| HS-Code                 | 84812090  |
| Pneumatischer Anschluss | G1/4      |
| Weight                  | 0.22 kg   |
| Werkstoff               | Aluminium |



### STANDARDS & COMPLIANCE

ISO 15218 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              | 5/2 bistable                        |
| Actuation type              | Via ISO 15218 pre-control interface |
| Build.width [mm]            | 18                                  |
| Normal nominal flow [l/min] | 1.500                               |
| Operating pressure [bar]    | -0.9 to 10                          |
| Construction set up         | Piston pusher                       |
| Maritime classification     | see Certificate                     |
| Nominal width [mm]          | 8                                   |
| Sealing principle           | Soft                                |
| installation position       | arbitrary                           |
| Hand assist actuation       | 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                                                                    |
| 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]                             | 190                                                                      |
| Fastening type                                 | With throughway bores                                                    |
| Exhaust control connection 82                  | M5                                                                       |
| Control air 12 connection                      | M5                                                                       |
| Pneumatic connection 1                         | G1/4                                                                     |
| Pneumatic connection 2                         | G1/4                                                                     |
| Pneumatic connection 3                         | G1/4                                                                     |
| 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                         | G1/4                                                                     |
| Pneumatic connection 5                         | G1/4                                                                     |
| Shifting time um [ms]                          | 15                                                                       |
| Control pressure [bar]                         | 2 to 10                                                                  |
| control medium                                 | Compressed air to ISO 8573-1:2010 [7:4:4]                                |