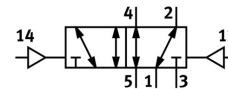


# Pneumatic valve

## J-5/2-D-3-C

Part number: 151865

FESTO



[PDF](#) General operating condition

## Data sheet

| Feature                            | Value                                                                                      |
|------------------------------------|--------------------------------------------------------------------------------------------|
| Valve function                     | 5/2 double solenoid                                                                        |
| Type of actuation                  | Pneumatic                                                                                  |
| Construction width                 | 65 mm                                                                                      |
| Standard nominal flow rate         | 4500 l/min                                                                                 |
| pneumatic working port             | Sub-base size 3 to ISO 5599-1<br>G1/2                                                      |
| Operating pressure                 | -0.09 MPa ... 1.6 MPa                                                                      |
| Operating pressure                 | -0.9 bar ... 16 bar                                                                        |
| Design                             | Piston gate valve                                                                          |
| Nominal size                       | 14.5 mm                                                                                    |
| Grid dimension                     | 71 mm                                                                                      |
| Exhaust-air function               | With flow control option                                                                   |
| Sealing principle                  | Soft                                                                                       |
| Mounting position                  | optional                                                                                   |
| Conforms to standard               | ISO 5599-1                                                                                 |
| Manual override                    | None                                                                                       |
| ISO code                           | 301                                                                                        |
| Type of piloting                   | Direct                                                                                     |
| Flow direction                     | Reversible                                                                                 |
| Symbol                             | 00991037                                                                                   |
| lap                                | Overlap                                                                                    |
| Pilot pressure                     | 2 bar ... 16 bar                                                                           |
| Switching time reversal            | 8 ms                                                                                       |
| Operating medium                   | Compressed air to ISO 8573-1:2010 [7:4:4]                                                  |
| Note on operating and pilot medium | Lubricated operation possible (in which case lubricated operation will always be required) |
| Vibration resistance               | Transport application test with severity level 1 to FN 942017-4 and EN 60068-2-6           |
| Shock resistance                   | Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27                          |
| LABS (PWIS) conformity             | VDMA24364-B1/B2-L                                                                          |
| Media temperature                  | -10 °C ... 60 °C                                                                           |
| Sound pressure level               | 85 dB(A)                                                                                   |
| Pilot medium                       | Compressed air to ISO 8573-1:2010 [7:4:4]                                                  |
| Ambient temperature                | -10 °C ... 60 °C                                                                           |
| Product weight                     | 810 g                                                                                      |
| Type of mounting                   | On sub-base<br>Via through-hole and screw                                                  |

| Feature                      | Value                         |
|------------------------------|-------------------------------|
| Pilot air port 12            | Sub-base size 3 to ISO 5599-1 |
| Pilot air port 14            | Sub-base size 3 to ISO 5599-1 |
| Pneumatic connection, port 1 | Sub-base size 3 to ISO 5599-1 |
| Pneumatic connection, port 2 | Sub-base size 3 to ISO 5599-1 |
| Pneumatic connection, port 3 | Sub-base size 3 to ISO 5599-1 |
| Pneumatic connection, port 4 | Sub-base size 3 to ISO 5599-1 |
| Pneumatic connection, port 5 | Sub-base size 3 to ISO 5599-1 |
| Note on materials            | RoHS-compliant                |
| Material seals               | HNBR<br>NBR                   |
| Material housing             | Die-cast aluminium            |