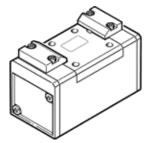
Pneumatic valve JD-5/2-D-1-C-EX Part number: 536016

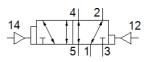
5/2-way valve, bistable, dominant, pneumatically operated.



Data sheet

| Feature | Value |
|---|--|
| Valve function | 5/2 bistable-dominant |
| Type of actuation | pneumatic |
| Width | 42 mm |
| Standard nominal flow rate | 1,200 l/min |
| Working pressure | -0.9 16 bar |
| Design structure | Piston slide |
| CE symbol (see declaration of conformity) | according to EU-Ex protection guideline (ATEX) |
| UKCA marking (see declaration of conformity) | To UK EX instructions |
| ATEX category Gas | II 2G |
| ATEX category Dust | II 2D |
| Explosion ignition protection type Gas | Ex h IIC T4 Gb |
| Explosion ignition protection type Dust | Ex h IIIC T130°C Db |
| Explosion-proof ambient temperature | -10°C <= Ta <= +60°C |
| Explosion protection certification outside the EU | EPL Db (GB) |
| | EPL Gb (GB) |
| Nominal size | 8 mm |
| Grid dimension | 43 mm |
| Exhaust-air function | throttleable |
| Sealing principle | soft |
| Assembly position | Any |
| Conforms to standard | ISO 5599-1 |
| Manual override | None |
| ISO code | 103 |
| Type of piloting | direct |
| Flow direction | reversible |
| Lap | Positive overlap |
| Pilot pressure | 2 16 bar |
| Switching time reversal | 6 ms |
| Switching time reversal (dominating) | 4 ms |
| Operating medium | Compressed air in accordance with ISO8573-1:2010 [7:4:4] |
| Note on operating and pilot medium | Lubricated operation possible (subsequently required for further operation) |
| Vibration resistance | Transport application test with severity level 1 as per FN 942017-4 and EN 60068-2-6 |
| Shock resistance | Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27 |
| PWIS conformity | VDMA24364-B1/B2-L |
| Medium temperature | -10 60 °C |
| Sound pressure level | 85 dB(A) |
| Pilot medium | Compressed air in accordance with ISO8573-1:2010 [7:4:4] |
| Ambient temperature | -10 60 °C |
| Product weight | 290 g |
| Mounting type | On subbase |
| | with through hole |

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FESTO

| Feature | Value |
|------------------------------|---|
| Pilot air port 12 | Connection plate size 1 as per ISO 5599-1 |
| Pilot air port 14 | Connection plate size 1 as per ISO 5599-1 |
| Pneumatic connection, port 1 | Connection plate size 1 as per ISO 5599-1 |
| Pneumatic connection, port 2 | Connection plate size 1 as per ISO 5599-1 |
| Pneumatic connection, port 3 | Connection plate size 1 as per ISO 5599-1 |
| Pneumatic connection, port 4 | Connection plate size 1 as per ISO 5599-1 |
| Pneumatic connection, port 5 | Connection plate size 1 as per ISO 5599-1 |
| Materials note | Conforms to RoHS |
| Material seals | HNBR |
| | NBR |
| Material housing | Aluminum die cast |