

One-way flow control valve CRGRLA-3/8-B

Part number: 161406

FESTO



Data sheet

| Feature | Value |
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| Valve function | Flow control non-return function |
| Pneumatic connection 1 | G3/8 |
| Pneumatic connection 2 | G3/8 |
| Actuation type | Manual |
| Adjusting element | Slotted screw |
| Type of mounting | Screw-in |
| Standard nominal flow rate in flow control direction | 1450 l/min |
| Standard nominal flow rate in non-return direction | 970 l/min ... 1600 l/min |
| Operating pressure | 0.03 MPa ... 1 MPa |
| Operating pressure | 0.3 bar ... 10 bar |
| Operating pressure | 4.35 psi ... 145 psi |
| Ambient temperature | -20 °C ... 80 °C |
| Maritime classification | See certificate |
| Explosion prevention and protection | Observe the information on the certificate Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX) |
| Mounting position | Any |
| Symbol | 00991452 |
| Rotatability | 360 deg/continuous swiveling not permissible |
| Standard flow rate in flow control direction 6 -> 0 bar | 2515 l/min |
| Standard flow rate in non-return direction at 6 -> 0 bar | 2095 l/min ... 2665 l/min |
| Operating medium | Compressed air as per ISO 8573-1:2010 [7:4:4] |
| Information on operating and pilot media | Operation with oil lubrication possible (required for further use) |
| LABS (PWIS) conformity | VDMA24364-B2-L |
| Suitability for the production of Li-ion batteries | Metals with more than 1% copper, zinc or nickel by mass are excluded from use. Exceptions are nickel in steel, chemically nickel-plated surfaces, printed circuit boards, cables, electrical plug connectors and coils |

| Feature | Value |
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| Cleanroom class | Class 4 according to ISO 14644-1 |
| Storage temperature | -10 °C ... 40 °C |
| For use in the food industry | See supplementary material information |
| Temperature of medium | -10 °C ... 60 °C |
| Nominal width | 8.5 mm |
| Max. tightening torque | 20 Nm |
| Permissible actuation moment, adjusting screw | 2 Nm |
| Product weight | 126.9 g |
| Note on materials | RoHS-compliant |
| Seals material | FPM PVC |
| Hollow bolt material | High-alloy steel |
| Material of adjusting screw | High-alloy stainless steel |
| Swivel joint material | High-alloy stainless steel |