

One-way flow control valve GRLA-1/8-PK-6-B

Part number: 151168

FESTO



 [General operating condition](#)

Data sheet

| Feature | Value |
|---|--|
| Valve function | Exhaust air flow control non-return function |
| Pneumatic connection 1 | PK-6 with union nut |
| Pneumatic connection 2 | G1/8 |
| Adjusting element | Slotted screw |
| Type of mounting | Screw-in |
| Standard nominal flow rate in flow control direction | 300 l/min |
| Standard nominal flow rate in non-return direction | 210 l/min ... 290 l/min |
| Ambient temperature | -10 °C ... 60 °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 |
| Operating pressure for entire temperature range | 0.3 bar ... 10 bar |
| Standard flow rate in flow control direction 6 → 0 bar | 455 l/min |
| Standard flow rate in non-return direction at 6 → 0 bar | 320 l/min ... 440 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-B1/B2-L |
| Cleanroom suitability, measured according to ISO 14644-14 | Class 4 according to ISO 14644-1 |
| Temperature of medium | -10 °C ... 60 °C |
| Max. tightening torque | 6 Nm |
| Product weight | 25 g |
| Material of screwed plug | Wrought aluminum alloy |
| Note on materials | RoHS compliant |
| Seals material | NBR |
| Material of adjusting screw | Brass |

| Feature | Value |
|-----------------------|---------------|
| Swivel joint material | Die-cast zinc |