

One-way flow control valve GRLA-1/8-QS-8-D

Part number: 193145

FESTO



 [General operating condition](#)

Data sheet

| Feature | Value |
|---|--|
| Valve function | Exhaust air one-way flow control function |
| Pneumatic connection, port 1 | QS-8 |
| Pneumatic connection, port 2 | G1/8 |
| Adjustment component | Slotted head screw |
| Type of mounting | Screw-in |
| Standard nominal flow rate in flow control direction | 215 l/min |
| Standard nominal flow rate in blocked direction | 175 l/min ... 250 l/min |
| Ambient temperature | -10 °C ... 60 °C |
| Maritime classification | See certificate |
| Mounting position | Any |
| Symbol | 00991452 |
| Operating pressure complete temperature range | 0.2 bar ... 10 bar |
| Standard flow rate in flow control direction 0.6-10 MPa (6-10 bar, 87-10 psi) | 400 l/min |
| Standard flow rate in non-return direction 0.6-10 MPa (6-10 bar, 87-10 psi) | 330 l/min ... 410 l/min |
| 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) |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Cleanroom suitability, measured according to ISO 14644-14 | Class 4 according to ISO 14644-1 |
| Media temperature | -10 °C ... 60 °C |
| Nominal torque | 3 Nm |
| Tolerance for nominal tightening torque | ±10% |
| Product weight | 22 g |
| Material screwed plug | Wrought aluminium alloy |
| Note on materials | RoHS compliant |
| Material seals | NBR |
| Material release ring | POM |
| Material adjusting screw | Brass |

| Feature | Value |
|-------------------------|----------------------------|
| Material swivel fitting | Die-cast zinc Chromated |