

# One-way flow control valve GRLA-1/2-QS-12-D

Part number: 193152

**FESTO**



## Data sheet

| Feature   | Value  |
|---|--|
| Valve function  | Exhaust air one-way flow control function  |
| Pneumatic connection, port 1  | QS-12  |
| Pneumatic connection, port 2  | G1/2   |
| Adjustment component  | Slotted head screw   |
| Type of mounting  | Screw-in   |
| Standard nominal flow rate in flow control direction                          | 1580 l/min   |
| Standard nominal flow rate in blocked direction                               | 925 l/min...1605 l/min   |
| Ambient temperature   | -10 °C...60 °C   |
| Maritime classification   | See certificate  |
| Mounting position   | optional   |
| Operating pressure complete temperature range                                 | 0.2 bar...10 bar   |
| Standard flow rate in flow control direction 0.6->0 MPa (6->0 bar, 87->0 psi) | 2220 l/min   |
| Standard flow rate in non-return direction 0.6->0 MPa (6->0 bar, 87->0 psi)   | 1910 l/min...2500 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 class   | Class 4 according to ISO 14644-1   |
| Media temperature   | -10 °C...60 °C   |
| Nominal torque  | 15 Nm  |
| Tolerance for nominal tightening torque                                       | ± 10%  |
| Product weight  | 106 g  |
| Material screwed plug   | Wrought aluminium alloy  |
| Note on materials   | RoHS-compliant   |
| Material seals  | NBR  |

| Feature                  | Value                      |
|--------------------------|----------------------------|
| Material release ring    | POM                        |
| Material adjusting screw | Brass                      |
| Material swivel fitting  | Die-cast zinc<br>Chromated |