

# One-way flow control valve GRLA-1/2-B

Part number: 151179

FESTO



 [General operating condition](#)

## Data sheet

| Feature   | Value  |
|---|--|
| Valve function  | Exhaust air flow control non-return function   |
| Pneumatic connection 1                                    | G1/2   |
| Pneumatic connection 2                                    | G1/2   |
| Adjusting element   | Slotted screw  |
| Type of mounting  | Screw-in   |
| Standard nominal flow rate in flow control direction      | 2100 l/min   |
| Standard nominal flow rate in non-return direction        | 1550 l/min ... 2200 l/min  |
| Operating pressure  | 0.3 bar ... 10 bar   |
| Ambient temperature                                       | -10 °C ... 60 °C   |
| Maritime classification                                   | See certificate  |
| Explosion prevention and protection                       | Observe the information on the certificate<br>Zone 1 (ATEX)<br>Zone 2 (ATEX)<br>Zone 21 (ATEX)<br>Zone 22 (ATEX) |
| Mounting position   | Any  |
| Symbol  | 00991452   |
| Standard flow rate in flow control direction 6 → 0 bar    | 4000 l/min   |
| Standard flow rate in non-return direction at 6 → 0 bar   | 2950 l/min ... 4190 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                                    | 40 Nm  |
| Product weight  | 204 g  |
| Note on materials   | RoHS-compliant   |
| Seals material  | NBR  |
| Hollow bolt material                                      | Wrought aluminum alloy   |
| Material of adjusting screw                               | Brass  |

| Feature               | Value                  |
|-----------------------|------------------------|
| Nut material          | Wrought aluminum alloy |
| Swivel joint material | Die-cast zinc          |