

# One-way flow control valve GRLA-3/8-B

Part number: 151178

FESTO



## Data sheet

| Feature  | Value  |
|--|--|
| Type code  | GRLA   |
| Maritime classification                                  | See certificate  |
| Valve function   | Exhaust air flow control non-return function   |
| Pneumatic connection 1                                   | G3/8   |
| Pneumatic connection 2                                   | G3/8   |
| 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   |
| Ambient temperature                                      | -10 °C ... 60 °C   |
| 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  | 2300 l/min   |
| Standard flow rate in non-return direction at 6 -> 0 bar | 1540 l/min ... 2540 l/min  |
| Explosion prevention and protection                      | Zone 21 (ATEX)<br>Zone 22 (ATEX)<br>Zone 1 (ATEX)<br>Zone 2 (ATEX)<br>Observe the information on the certificate |
| 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)   |
| Temperature of medium                                    | -10 °C ... 60 °C   |
| Max. tightening torque                                   | 20 Nm  |
| Product weight   | 97 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          |