

# One-way flow control valve GRLA-1/8-QS-4-D

Part number: 193143

FESTO



## Data sheet

| Feature  | Value  |
|--|--|
| Type code  | GRLA   |
| Maritime classification                                  | See certificate  |
| Valve function   | Exhaust air flow control non-return function                       |
| Pneumatic connection 1                                   | QS-4   |
| Pneumatic connection 2                                   | G1/8   |
| Adjusting element  | Slotted screw  |
| Type of mounting   | Screw-in   |
| Standard nominal flow rate in flow control direction     | 160 l/min  |
| Standard nominal flow rate in non-return direction       | 120 l/min ... 190 l/min  |
| Ambient temperature                                      | -10 °C ... 60 °C   |
| Mounting position  | Any  |
| Symbol   | 00991452   |
| Operating pressure for entire temperature range          | 0.2 bar ... 10 bar   |
| Standard flow rate in flow control direction 6 -> 0 bar  | 250 l/min  |
| Standard flow rate in non-return direction at 6 -> 0 bar | 270 l/min ... 300 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) |
| Temperature of medium                                    | -10 °C ... 60 °C   |
| Nominal tightening torque                                | 3 Nm   |
| Tolerance for nominal tightening torque                  | ± 10%  |
| Product weight   | 22 g   |
| Material of screwed trunnion                             | Wrought aluminum alloy   |
| Note on materials  | RoHS-compliant   |
| Seals material   | NBR  |
| Releasing ring material                                  | POM  |
| Material of adjusting screw                              | Brass  |
| Swivel joint material                                    | Die-cast zinc<br>Chromated   |