

# One-way flow control valve GRLA-3/8-QS-8-D

Part number: 193150

FESTO



 [General operating condition](#)

## Data sheet

| Feature   | Value  |
|---|--|
| Valve function  | Exhaust air flow control non-return function                       |
| Pneumatic connection 1                                    | QS-8   |
| Pneumatic connection 2                                    | G3/8   |
| Adjusting element   | Slotted screw  |
| Type of mounting  | Screw-in   |
| Standard nominal flow rate in flow control direction      | 820 l/min  |
| Standard nominal flow rate in non-return direction        | 450 l/min ... 850 l/min  |
| Ambient temperature                                       | -10 °C ... 60 °C   |
| Maritime classification                                   | See certificate  |
| 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    | 1300 l/min   |
| Standard flow rate in non-return direction at 6 → 0 bar   | 1080 l/min ... 1420 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   |
| Nominal tightening torque                                 | 10 Nm  |
| Tolerance for nominal tightening torque                   | ±10%   |
| Product weight  | 60 g   |
| Material of screwed plug                                  | 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   |