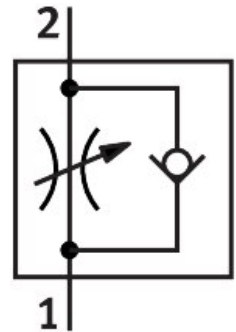


# One-way flow control valve GRLA-1/4-QS-10-D

Part number: 193148

**FESTO**



 [General operating condition](#)

## Data sheet

| Feature                                                  | Value                                                              |
|----------------------------------------------------------|--------------------------------------------------------------------|
| Valve function                                           | Exhaust air flow control non-return function                       |
| Pneumatic connection 1                                   | QS-10                                                              |
| Pneumatic connection 2                                   | G $\frac{1}{4}$                                                    |
| Adjusting element                                        | Slotted screw                                                      |
| Type of mounting                                         | Screw-in                                                           |
| Standard nominal flow rate in flow control direction     | 480 l/min                                                          |
| Standard nominal flow rate in non-return direction       | 345 l/min ... 500 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  | 760 l/min                                                          |
| Standard flow rate in non-return direction at 6 -> 0 bar | 630 l/min ... 790 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 class                                          | Class 4 according to ISO 14644-1                                   |
| Temperature of medium                                    | -10 °C ... 60 °C                                                   |
| Nominal tightening torque                                | 5 Nm                                                               |
| Tolerance for nominal tightening torque                  | ± 10%                                                              |
| Product weight                                           | 42 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                                         |