

# One-way flow control valve GRLA-1/8-QB-5/16-U

Part number: 534659

FESTO



 [General operating condition](#)

## Data sheet

| Feature  | Value  |
|--|--|
| Valve function   | Exhaust air flow control non-return function                       |
| Pneumatic connection 1                                   | QB-5/16  |
| Pneumatic connection 2                                   | 1/8 NPT  |
| Actuation type   | Manual   |
| Adjusting element  | Slotted screw  |
| Type of mounting   | Screw-in<br>With external thread                                   |
| Standard nominal flow rate in flow control direction     | 1063.98 l/min  |
| Standard nominal flow rate in non-return direction       | 817.373 l/min ... 1086.864 l/min                                   |
| Ambient temperature                                      | 0 °C ... 60 °C   |
| Mounting position  | Any  |
| Symbol   | 00991452   |
| Operating pressure for entire temperature range          | -0.951 bar ... 7.998 bar   |
| Standard flow rate in flow control direction 6 -> 0 bar  | 1716.1 l/min   |
| Standard flow rate in non-return direction at 6 -> 0 bar | 1716.102 l/min ... 1779.661 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 zone III   |
| Temperature of medium                                    | 0 °C ... 60 °C   |
| Max. tightening torque                                   | 7.05 Nm  |
| Product weight   | 21.829 g   |
| Material of screwed plug                                 | Brass<br>Nickel-plated   |
| Note on materials  | RoHS-compliant   |
| Seals material   | NBR  |
| Hollow bolt material                                     | Brass<br>Nickel-plated   |
| Releasing ring material                                  | POM  |
| Knurled head material                                    | Brass<br>Nickel-plated   |

| Feature                     | Value                  |
|-----------------------------|------------------------|
| Material of adjusting screw | Brass<br>Nickel-plated |
| Swivel joint material       | PBT-reinforced         |