

One-way flow control valve GRLA-1/2-QB-1/2-U

Part number: 564847

FESTO



 [General operating condition](#)

Data sheet

| Feature | Value |
|---|--|
| Valve function | Exhaust air one-way flow control function |
| Pneumatic connection, port 1 | QB-1/2 |
| Pneumatic connection, port 2 | 1/2 NPT |
| Type of actuation | Manual |
| Adjustment component | Slotted head screw |
| Type of mounting | Screw-in Via male thread |
| Standard nominal flow rate in flow control direction | 6114.41 l/min |
| Standard nominal flow rate in blocked direction | 4716.102 l/min ... 6241.525 l/min |
| Ambient temperature | 0 °C ... 60 °C |
| Mounting position | optional |
| Symbol | 00991452 |
| Operating pressure complete temperature range | -0.951 bar ... 7.998 bar |
| Standard flow rate in flow control direction 0.6->0 MPa (6->0 bar, 87->0 psi) | 9673.7 l/min |
| Standard flow rate in non-return direction 0.6->0 MPa (6->0 bar, 87->0 psi) | 9673.729 l/min ... 10055.085 l/min |
| Operating medium | Compressed air to ISO 8573-1:2010 [7:4:4] |
| Note on operating and pilot medium | Lubricated operation possible (in which case lubricated operation will always be required) |
| LABS (PWIS) conformity | VDMA24364 zone III |
| Media temperature | 0 °C ... 60 °C |
| Max. tightening torque | 28.065 Nm |
| Product weight | 119.07 g |
| Material screwed plug | Brass Nickel-plated |
| Note on materials | RoHS-compliant |
| Material seals | NBR |
| Material hollow bolt | Brass Nickel-plated |
| Material release ring | POM |

| Feature | Value |
|--------------------------|------------------------|
| Material knurled head | Brass Nickel-plated |
| Material adjusting screw | Brass Nickel-plated |
| Material swivel fitting | PBT-reinforced |