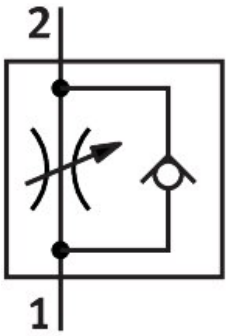
# One-way flow control valve
# GRLZ-1/4-RS-B

Part number: 151198






## Data sheet

| Feature | Value |
|---|---|
| Valve function | Supply air flow control non-return function |
| Pneumatic connection 1 | Internal thread G1/4 |
| Pneumatic connection 2 | External thread G1/4 |
| Adjusting element | Knurled screw |
| Type of mounting | Screw-in |
| Standard nominal flow rate in flow control direction | 610 l/min |
| Standard nominal flow rate in non-return direction | 450 l/min...820 l/min |
| Ambient temperature | -10 °C...60 °C |
| Explosion prevention and protection | Observe the information on the certificate<br>Zone 1 (ATEX)<br>Zone 2 (ATEX)<br>Zone 21 (ATEX)<br>Zone 22 (ATEX) |
| Mounting position | Any |
| Operating pressure for entire temperature range | 0.3 bar...10 bar |
| Standard flow rate in flow control direction 6 -> 0 bar | 1200 l/min |
| Standard flow rate in non-return direction at 6 -> 0 bar | 885 l/min...1615 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 width | 6 mm |
| Max. tightening torque | 11 Nm |
| Product weight | 59 g |
| Material of screwed plug | Wrought aluminum alloy |
| Note on materials | RoHS compliant |

| Feature | Value |
|---|---|
| Seals material | NBR |
| Material of adjusting screw | Brass |
| Swivel joint material | Die-cast zinc |