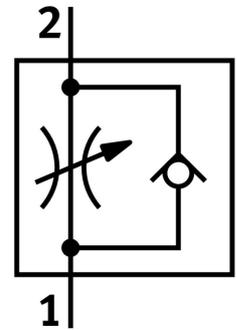


# One-way flow control valve GRLZ-1/4-PK-6-B

Part number: 151197

FESTO



## Data sheet

| Feature   | Value  |
|---|--|
| Valve function  | Supply air one-way flow control function   |
| Pneumatic connection, port 1  | For barbed fitting I.D. 6 mm with union nut  |
| Pneumatic connection, port 2  | Male thread G1/4   |
| Adjustment component  | Slotted head screw   |
| Type of mounting  | Screw-in   |
| Standard nominal flow rate in flow control direction                          | 540 l/min  |
| Standard nominal flow rate in blocked direction                               | 410 l/min...585 l/min  |
| Ambient temperature   | -10 °C...60 °C   |
| Explosion protection  | The information in the certificate must be observed!<br>Zone 1 (ATEX)<br>Zone 2 (ATEX)<br>Zone 21 (ATEX)<br>Zone 22 (ATEX) |
| Mounting position   | optional   |
| Operating pressure complete temperature range                                 | 0.3 bar...10 bar   |
| Standard flow rate in flow control direction 0.6->0 MPa (6->0 bar, 87->0 psi) | 840 l/min  |
| Standard flow rate in non-return direction 0.6->0 MPa (6->0 bar, 87->0 psi)   | 635 l/min...910 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-B1/B2-L  |
| Cleanroom class   | Class 4 according to ISO 14644-1   |
| Media temperature   | -10 °C...60 °C   |
| Nominal size  | 6 mm   |
| Max. tightening torque  | 11 Nm  |
| Product weight  | 45 g   |

| <b>Feature</b>           | <b>Value</b>            |
|--------------------------|-------------------------|
| Material screwed plug    | Wrought aluminium alloy |
| Note on materials        | RoHS-compliant          |
| Material seals           | NBR                     |
| Material adjusting screw | Brass                   |
| Material swivel fitting  | Die-cast zinc           |