

One-way flow control valve GRLZ-M5-QS-4-LF-C

Part number: 175058

FESTO



 [General operating condition](#)

Data sheet

| Feature | Value |
|---|--|
| Valve function | Supply air one-way flow control function |
| Pneumatic connection, port 1 | QS-4 |
| Pneumatic connection, port 2 | M5 |
| Adjustment component | Slotted head screw |
| Type of mounting | Screw-in |
| Standard nominal flow rate in flow control direction | 48 l/min |
| Standard nominal flow rate in blocked direction | 40 l/min ... 65 l/min |
| Operating pressure | 0.2 bar ... 10 bar |
| Operating pressure | 2.9 psi ... 145 psi |
| Ambient temperature | -10 °C ... 60 °C |
| Mounting position | Any |
| Symbol | 00991453 |
| Standard flow rate in flow control direction 0.6->0 MPa (6->0 bar, 87->0 psi) | 80 l/min |
| Standard flow rate in non-return direction 0.6->0 MPa (6->0 bar, 87->0 psi) | 65 l/min ... 110 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 suitability, measured according to ISO 14644-14 | Class 4 according to ISO 14644-1 |
| Media temperature | -10 °C ... 60 °C |
| Max. tightening torque | 1.5 Nm |
| Product weight | 9 g |
| Material screwed plug | Brass nickel-plated |
| Note on materials | RoHS compliant |
| Material seals | NBR |
| Material release ring | POM |
| Material adjusting screw | Brass |

| Feature | Value |
|-------------------------|---------------|
| Material swivel fitting | Die-cast zinc |