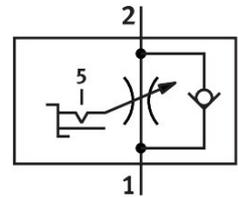


# One-way flow control valve GRLSA-1/4-QS-8

Part number: 540662

FESTO



## Data sheet

| Feature   | Value  |
|---|--|
| Valve function  | Exhaust air one-way flow control function  |
| Pneumatic connection, port 1  | QS-8   |
| Pneumatic connection, port 2  | G1/4   |
| Type of actuation   | Manual   |
| Adjustment component  | Internal hexagon   |
| Type of mounting  | Screw-in   |
| Standard nominal flow rate in flow control direction                          | 0 l/min...450 l/min  |
| Standard nominal flow rate in blocked direction                               | 390 l/min...570 l/min  |
| Ambient temperature   | -10 °C...60 °C   |
| Mounting position   | optional   |
| Operating pressure complete temperature range                                 | 0.2 bar...10 bar   |
| Standard flow rate in flow control direction 0.6->0 MPa (6->0 bar, 87->0 psi) | 0 l/min...700 l/min  |
| Standard flow rate in non-return direction 0.6->0 MPa (6->0 bar, 87->0 psi)   | 820 l/min...930 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-B2-L   |
| Cleanroom suitability, measured according to ISO 14644-14                     | Class 4 according to ISO 14644-1   |
| Storage temperature   | -10 °C...40 °C   |
| Media temperature   | -10 °C...60 °C   |
| Nominal torque  | 11 Nm  |
| Tolerance for nominal tightening torque                                       | ± 10%  |
| Product weight  | 34.8 g   |
| Material seals  | NBR  |
| Material hollow bolt  | Wrought aluminium alloy<br>Anodised  |
| Material release ring   | POM  |
| Material adjusting screw  | PA-reinforced  |
| Material swivel fitting   | Die-cast zinc  |