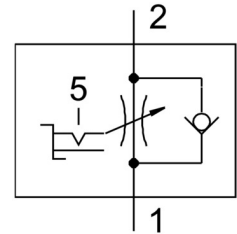


# One-way flow control valve GRLSA-1/4-QS-8

Part number: 540662

FESTO



## Data sheet

| Feature   | Value  |
|---|--|
| Type code   | GRLSA  |
| Valve function  | Exhaust air flow control non-return function                       |
| Pneumatic connection 1                                  | QS-8   |
| Pneumatic connection 2                                  | G1/4   |
| Actuation type  | Manual   |
| Adjusting element                                       | 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 non-return direction      | 390 l/min ... 570 l/min  |
| Ambient temperature                                     | -10 °C ... 60 °C   |
| Mounting position                                       | Any  |
| Symbol  | 00991475   |
| Operating pressure for entire temperature range         | 0.2 bar ... 10 bar   |
| Standard flow rate in flow control direction 6 → 0 bar  | 0 l/min ... 700 l/min  |
| Standard flow rate in non-return direction at 6 → 0 bar | 820 l/min ... 930 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) |
| Storage temperature                                     | -10 °C ... 40 °C   |
| Temperature of medium                                   | -10 °C ... 60 °C   |
| Nominal tightening torque                               | 11 Nm  |
| Tolerance for nominal tightening torque                 | ± 10%  |
| Product weight  | 34.8 g   |
| Note on materials                                       | Free of copper and PTFE  |
| Seals material  | NBR  |
| Hollow bolt material                                    | Wrought aluminum alloy<br>Anodized                                 |
| Releasing ring material                                 | POM  |
| Material of adjusting screw                             | PA-reinforced  |
| Swivel joint material                                   | Die-cast zinc  |