

# one-way flow control valve GRLA-1/8-QS-6-RS-D

Part number: 197581

FESTO

With knurled screw and lock nut



## Data sheet

| Feature  | Value   |
|--|---|
| Valve function   | One-way flow control function for exhaust air                               |
| Pneumatic connection, port 1   | QS-6  |
| Pneumatic connection, port 2   | G1/8  |
| Adjusting element  | Knurled screw   |
| Mounting type  | Threaded  |
| Standard nominal flow rate in flow control direction                           | 185 l/min   |
| Standard nominal flow rate in non-return direction                             | 160 ... 240 l/min   |
| Operating pressure   | 0.2 ... 10 bar  |
| Ambient temperature  | -10 ... 60 °C   |
| Maritime classification  | see certificate   |
| Assembly position  | Any   |
| Operating pressure complete temperature range                                  | 0.2 ... 10 bar  |
| Standard flow rate in flow control direction 0.6->0 MPa (6->0 bar, 87->0 psi)  | 370 l/min   |
| Standard flow rate in non-return direction at 0.6->0 MPa (6->0 bar, 87->0 psi) | 330 ... 390 l/min   |
| Operating medium   | Compressed air in accordance with ISO8573-1:2010 [7:4:4]                    |
| Note on operating and pilot medium   | Lubricated operation possible (subsequently required for further operation) |
| PWIS conformity  | VDMA24364-B1/B2-L   |
| Medium temperature   | -10 ... 60 °C   |
| Nominal tightening torque  | 3 Nm  |
| Product weight   | 23 g  |
| Material of threaded plug  | Wrought Aluminium alloy   |
| Materials note   | Conforms to RoHS  |
| Material seals   | NBR   |
| Material release ring  | POM   |
| Material adjusting screw   | High alloy steel, non-corrosive   |
| Material swivel fitting  | Zinc die-casting<br>Chromed   |