



One-way flow control valve- GRLA-1/2-B

URL: <https://www.sxplc.com/one-way-flow-control-valve-grla-1-2-b>

Product data sheet

Technical Data

- **Valve function** Exhaust air one-way flow control function
- **Pneumatic connection, port 1** G1/2
- **Pneumatic connection, port 2** G1/2
- **Adjustment component** Slotted head screw
- **Type of mounting** Screw-in
- **Standard nominal flow rate in flow control direction** 2100 l/min
- **Standard nominal flow rate in blocked direction** 1550 l/min ... 2200 l/min
- **Operating pressure** 0.3 bar ... 10 bar
- **Ambient temperature** -10 °C ... 60 °C
- **Maritime classification** See certificate
- **Explosion protection** The information in the certificate must be

observed! Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)

- **Mounting position** optional
- **Symbol** 00991452
- **Standard flow rate in flow control direction 0.6->0 MPa (6->0 bar, 87->0 psi)** 4000 l/min
- **Standard flow rate in non-return direction 0.6->0 MPa (6->0 bar, 87->0 psi)** 2950 l/min ... 4190 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
- **Max. tightening torque** 40 Nm
- **Product weight** 204 g
- **Note on materials** RoHS-compliant
- **Material seals** NBR
- **Material hollow bolt** Wrought aluminium alloy
- **Material adjusting screw** Brass
- **Material nut** Wrought aluminium alloy
- **Material swivel fitting** Die-cast zinc

