

One-way flow control valve GRLA-3/8-B

Part number: 151178

FESTO



 [General operating condition](#)

Data sheet

Feature	Value
Valve function	Exhaust air one-way flow control function
Pneumatic connection, port 1	G3/8
Pneumatic connection, port 2	G3/8
Adjustment component	Slotted head screw
Type of mounting	Screw-in
Standard nominal flow rate in flow control direction	1450 l/min
Standard nominal flow rate in blocked direction	970 l/min ... 1600 l/min
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
Operating pressure complete temperature range	0.3 bar ... 10 bar
Standard flow rate in flow control direction 0.6->0 MPa (6->0 bar, 87->0 psi)	2300 l/min
Standard flow rate in non-return direction 0.6->0 MPa (6->0 bar, 87->0 psi)	1540 l/min ... 2540 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	20 Nm
Product weight	97 g
Note on materials	RoHS-compliant
Material seals	NBR

Feature	Value
Material hollow bolt	Wrought aluminium alloy
Material adjusting screw	Brass
Material nut	Wrought aluminium alloy
Material swivel fitting	Die-cast zinc