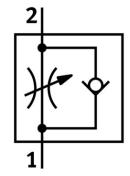
One-way flow control valve GRLA-1/4-B Part number: 151172





General operating condition

Data sheet

Feature	Value
Valve function	Exhaust air flow control non-return function
Pneumatic connection 1	Internal thread G1/4
Pneumatic connection 2	External thread G1/4
Adjusting element	Slotted screw
Type of mounting	Screw-in
Standard nominal flow rate in flow control direction	610 l/min
Standard nominal flow rate in non-return direction	450 l/min 820 l/min
Ambient temperature	-10 °C 60 °C
Maritime classification	See certificate
Explosion prevention and protection	Observe the information on the certificate Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX) Zone 22 (ATEX)
Mounting position	Any
Symbol	00991452
Operating pressure for entire temperature range	0.3 bar 10 bar
Standard flow rate in flow control direction 6 -> 0 bar	1200 l/min
Standard flow rate in non-return direction at 6 -> 0 bar	885 l/min 1615 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)
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Cleanroom class	Class 4 according to ISO 14644-1
Temperature of medium	-10 °C 60 °C
Nominal width	6 mm
Max. tightening torque	11 Nm
Product weight	59 g
Material of screwed plug	Wrought aluminum alloy
Note on materials	RoHS-compliant
Seals material	NBR

Feature	Value
Material of adjusting screw	Brass
Swivel joint material	Die-cast zinc