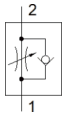
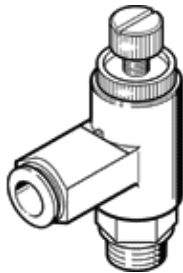


# one-way flow control valve GRLA-1/8-QS-8-RS-B

Part number: 162966

FESTO

With knurled screw and lock nut



## Data sheet

Feature	values
Valve function	One-way flow control function for exhaust air
Pneumatic connection, port 1	QS-8
Pneumatic connection, port 2	G1/8
Type of actuation	manual
Adjusting element	Knurled screw
Mounting type	Threaded
Standard nominal flow rate in flow control direction	650 l/min
Standard nominal flow rate in non-return direction	600 ... 750 l/min
Ambient temperature	-10 ... 60 °C
Assembly position	Any
Operating pressure complete temperature range	0.2 ... 10 bar
Standard flow rate in direction of flow control: 6 -> 0 bar	1,080 l/min
Standard flow rate in blocked direction: 6 -> 0 bar	800 ... 1250 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)
Storage temperature	-10 ... 40 °C
Medium temperature	-10 ... 60 °C
Nominal tightening torque	3.5 Nm
Tolerance for nominal tightening torque	± 20 %
Permissible actuation moment, regulating screw	0.4 Nm
Product weight	25 g
Materials information for screw-in stud	Wrought Aluminium alloy
Materials note	Conforms to RoHS
Materials information for seals	NBR TPE-U(PU)
Release ring material data	POM
Material information, knurled head	Wrought Aluminium alloy
Regulating screw material data	Brass
Swivel joint material data	PBT-reinforced