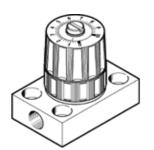
## precision one-way flow control valve GRP-70-1/8-AL Part number: 542022

**FESTO** 

Serves for precise adjustment of the flow rate, with non-return function.





## **Data sheet**

Feature	Value
Valve function	One-way flow control function
Pneumatic connection, port 1	G1/8
Pneumatic connection, port 2	G1/8
Type of actuation	manual
Adjusting element	Rotary knob with scale
Mounting type	On sub-base
Standard nominal flow rate in flow control direction	40.7 l/min
Standard nominal flow rate in non-return direction	88 l/min
Operating pressure	0 8 bar
Ambient temperature	-10 50 °C
Material housing	PA-reinforced
Assembly position	Any
Operating pressure from 2 to 1	0 8 bar
Standard nominal flow rate in flow control direction from 0.1->0 MPa (1-	19 l/min
ν0 bar, 14.5-ν0 psi)	
Standard nominal flow rate in non-return direction from 0.1->0 MPa (1-	20 60 l/min
x0 bar, 14.5-x0 psi)	
Standard flow rate in flow control direction 0.6->0 MPa (6->0 bar, 87->0 psi)	60 l/min
Standard flow rate in non-return direction at 0.6->0 MPa (6->0 bar, 87->0	127 l/min
psi)	
Operating medium	Compressed air to ISO8573-1:2010 [5:4:3]
	Inert gases
Note on operating and pilot medium	Lubricated operation not possible
PWIS conformity	VDMA24364 zone III
Medium temperature	-10 50 °C
Product weight	110 g
Materials note	Conforms to RoHS
Material of connecting plate	Wrought Aluminium alloy
Material seals	NBR
	PVC
Material screws	Steel