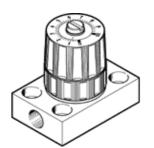
## Precision one-way flow control valve GRP-160-1/8-AL Part number: 542023

**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 subbase
Standard nominal flow rate in flow control direction	75.8 l/min
Standard nominal flow rate in non-return direction	245 l/min
Working pressure	0 8 bar
Ambient temperature	-10 50 °C
Material housing	PA-reinforced
Assembly position	Any
Working pressure from 2 to 1	0 8 bar
Standard nominal flow rate in flow control direction from 0.1->0 MPa (1->0 bar, 14.5->0 psi)	38 l/min
Standard nominal flow rate in non-return direction from 0.1->0 MPa (1->0 bar, 14.5->0 psi)	25 90 l/min
Standard flow rate in flow control direction 0.6->0 MPa (6->0 bar, 87->0 psi)	129 l/min
Standard flow rate in non-return direction at 0.6->0 MPa (6->0 bar, 87->0 psi)	245 l/min
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 Aluminum alloy
Material seals	NBR
	PVC
Material screws	Steel