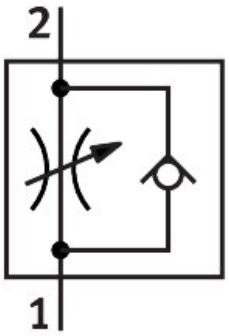
Precision one-way flow control valve
GRP-70-1/8-AL

Part number: 542022





Data sheet

Feature	Value
Valve function	One-way flow control function
Pneumatic connection 1	G1/8
Pneumatic connection 2	G1/8
Actuation type	Manual
Adjusting element	Rotary knob with scale
Type of mounting	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 bar...8 bar
Ambient temperature	-10 °C...50 °C
Housing material	PA-reinforced
Mounting position	Any
Operating pressure from 2 to 1	0 bar...8 bar
Standard nominal flow rate in flow control direction from 1bar to 0 bar	19 l/min
Standard nominal flow rate in non-return direction from 1 bar to 0 bar	20 l/min...60 l/min
Standard flow rate in flow control direction 6 -> 0 bar	60 l/min
Standard flow rate in non-return direction at 6 -> 0 bar	127 l/min
Operating medium	Compressed air as per ISO 8573-1:2010 [5:4:3] Inert gases
Information on operating and pilot media	Operation with oil lubrication not possible
LABS (PWIS) conformity	VDMA24364 Zone III
Temperature of medium	-10 °C...50 °C
Product weight	110 g
Note on materials	RoHS compliant
Material of sub-base	Wrought aluminum alloy
Seals material	NBR PVC

Feature	Value
Material of screws	Steel