

precision one-way flow control valve GRP-10-PK-3

Part number: 12743

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	PK-3
Pneumatic connection, port 2	PK-3
Type of actuation	manual
Adjusting element	Rotary knob with scale
Mounting type	Front panel installation
Standard nominal flow rate in flow control direction	3.8 l/min
Standard nominal flow rate in non-return direction	95 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-→0 bar, 14.5-→0 psi)	1.65 l/min
Standard nominal flow rate in non-return direction from 0.1-→0 MPa (1-→0 bar, 14.5-→0 psi)	15 ... 50 l/min
Standard flow rate in flow control direction 0.6-→0 MPa (6-→0 bar, 87-→0 psi)	5.2 l/min
Standard flow rate in non-return direction at 0.6-→0 MPa (6-→0 bar, 87-→0 psi)	131 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	48 g
Materials note	Conforms to RoHS
Material seals	NBR PVC
Material bracket	Wrought Aluminium alloy
Material PK connections	Wrought Aluminium alloy Brass
Material screws	Steel