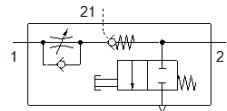
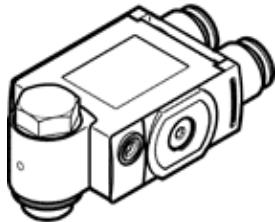


# one-way flow control valve

## VFOF-LE-BAH-G14-Q8

Part number: 1927030

FESTO



## Data sheet

Feature	Value
Valve function	One-way flow control function for exhaust air
Pneumatic connection, port 1	QS-8
Pneumatic connection, port 2	G1/4
Type of actuation	manual
Pilot air port 21	QS-8
Adjusting element	Internal hex
Mounting type	Threaded
Standard nominal flow rate in flow control direction	590 l/min
Standard nominal flow rate in non-return direction	310 ... 540 l/min
Operating pressure	0.2 ... 10 bar
Pilot pressure	2 ... 10 bar
Ambient temperature	-10 ... 60 °C
Material housing	PBT
Assembly position	Any
Type of actuation, controlled non-return function	pneumatic
Manual exhaust function	Pushing
Ability to swivel	360° / no continuous swivelling permissible
Operating pressure complete temperature range	0.2 ... 10 bar
Standard flow rate in direction of flow control: 6 → 0 bar	940 l/min
Standard flow rate in non-return direction: 6 → 0 bar, actuated	830 ... 1,000 l/min
Standard flow rate in non-return direction: 6 → 0 bar, unactuated	840 ... 1,000 l/min
Standard nominal flow rate in non-return direction, actuated	315 ... 540 l/min
Standard nominal flow rate in non-return direction, unactuated	310 ... 540 l/min
Switching time off	11 ms
Switching time on	8 ms
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)
Medium temperature	-10 ... 60 °C
Pilot medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Nominal tightening torque	11 Nm
Tolerance for nominal tightening torque	± 20 %
Permissible actuation moment, regulating screw	1 Nm
Product weight	73.9 g
Material of cover	ES-BE
Materials note	Conforms to RoHS
Material cover	PBT
Material seals	NBR
Material hollow bolt	Wrought Aluminium alloy
Material sleeve	Wrought Aluminium alloy
Material release ring	POM
Material adjusting screw	Brass