



## One-way flow control valve, VFOF-LE-BAH-G18-Q6 ,8001459

URL: <https://www.sxplc.com/one-way-flow-control-valve-vfof-le-bah-g18-q6-8001459>

### Product data sheet

- **Valve function** Exhaust air flow control non-return function
- **Selection of additional function** Piloted check valve
- **Pneumatic connection 1** QS-6
- **Pneumatic connection 2** G1/8
- **Actuation type** Manual
- **Pilot air port 2** QS-6
- **Adjusting element** Internal hexagon
- **Type of mounting** Screw-in
- **Standard nominal flow rate in flow control direction** 240 l/min
- **Standard nominal flow rate in non-return direction** 120 l/min ...  
220 l/min
- **Operating pressure** 0.02 MPa ... 1 MPa
- **Operating pressure** 0.2 bar ... 10 bar
- **Operating pressure** 2.9 psi ... 145 psi

- **Pilot pressure MPa** 0.2 MPa ... 1 MPa
- **Pilot pressure** 2 bar ... 10 bar
- **Pilot pressure psi** 29 psi ... 145 psi
- **Ambient temperature** -10 °C ... 60 °C
- **Housing material** PBT
- **Explosion prevention and protection** Zone 2 (ATEX) Zone 22 (ATEX)
- **Mounting position** Any
- **Actuation type, piloted non-return function** Pneumatic
- **Manual exhaust function** Non-detenting
- **Symbol** I00991958
- **Rotatability** 360 deg/continuous swiveling not permissible
- **Operating pressure for entire temperature range** 0.02 MPa ... 1 MPa
- **Operating pressure for entire temperature range** 0.2 bar ... 10 bar
- **Operating pressure for entire temperature range** 2.9 psi ... 145 psi
- **Standard flow rate in flow control direction 6 -> 0 bar** 420 l/min
- **Standard flow rate in non-return direction at 6 -> 0 bar** 400 l/min ... 460 l/min
- **Standard flow rate in non-return direction at 6 -> 0 bar unactuated** 400 l/min ... 460 l/min
- **Standard nominal flow rate in non-return direction actuated** 150 l/min ... 230 l/min
- **Standard nominal flow rate in non-return direction,**

- **unactuated** 120 l/min ... 220 l/min
- **Switching time off** 9 ms
- **On switching time** 6 ms
- **Operating medium** Compressed air as per ISO 8573-1:2010 [7:4:4]
- **Information on operating and pilot media** Operation with oil  
lubrication possible (required for further use)
- **LABS (PWIS) conformity** VDMA24364-B1/B2-L
- **Temperature of medium** -10 °C ... 60 °C
- **Pilot medium** Compressed air as per ISO 8573-1:2010 [7:4:4]
- **Nominal tightening torque** 6 Nm
- **Tolerance for nominal tightening torque** ± 20%
- **Permissible actuation moment, adjusting screw** 1 Nm
- **Product weight** 28.6 g
- **Covering material** ES-BE
- **Note on materials** RoHS-compliant
- **Cover material** PBT
- **Seals material** NBR
- **Hollow bolt material** Wrought aluminum alloy
- **Sleeve material** Wrought aluminum alloy
- **Releasing ring material** POM
- **Material of adjusting screw** Brass

