



One-way flow control valve VFOE-LE-T-G14-Q8

URL: <https://www.sxplc.com/one-way-flow-control-valve-vfoe-le-t-g14-q8>

Product data sheet

- **Valve function** Exhaust air one-way flow control function
- **Pneumatic connection, port 1** QS-8
- **Pneumatic connection, port 2** G1/4
- **Type of actuation** Manual
- **Adjustment component** Rotary knob with detent
- **Type of mounting** Screw-in
- **Standard nominal flow rate in flow control direction** 500 l/min
- **Standard nominal flow rate in blocked direction** 370 l/min ... 500 l/min
- **Ambient temperature** -10 °C ... 60 °C
- **Material housing** PBT
- **Explosion protection** The information in the certificate must be observed! Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)
- **Mounting position** optional

- **Symbol** 00991452
- **Width across flats** 16 mm
- **Rotatability** 360°/no continuous swivelling permissible
- **Operating pressure complete temperature range** 0.02 MPa ... 1 MPa
- **Operating pressure complete temperature range** 0.2 bar ... 10 bar
- **Operating pressure complete temperature range** 2.9 psi ... 145 psi
- **Standard flow rate in flow control direction 0.6->0 MPa (6->0 bar, 87->0 psi)** 810 l/min
- **Standard flow rate in non-return direction 0.6->0 MPa (6->0 bar, 87->0 psi)** 750 l/min ... 900 l/min
- **Operating medium** Compressed air to ISO 8573-1:2010 [7:4:4]
- **Note on operating and pilot medium** Lubricated operation possible (in which case lubricated operation will always be required)
- **LABS (PWIS) conformity** VDMA24364 zone III
- **Cleanroom class** Class 4 according to ISO 14644-1
- **Media temperature** -10 °C ... 60 °C
- **Max. tightening torque** 12 Nm
- **Nominal torque** 10 Nm
- **Tolerance for nominal tightening torque** $\pm 20\%$
- **Product weight** 16 g
- **Note on materials** RoHS-compliant
- **Material cover** PBT

- **Material dynamic seals**HNBR
 - **Material threaded bolt**Galvanised steel
 - **Material release ring**PBT
 - **Material static seals**NBR
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