

# One-way flow control valve VFOE-LE-T-G14-Q8-P50

Part number: 8095434

FESTO



 [General operating condition](#)

## Data sheet

| Feature   | Value  |
|---|--|
| Valve function  | Exhaust air flow control non-return function   |
| Pneumatic connection 1                                    | QS-8   |
| Pneumatic connection 2                                    | G1/4   |
| Actuation type  | Manual   |
| Adjusting element   | 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 non-return direction        | 370 l/min ... 500 l/min  |
| Ambient temperature                                       | -10 °C ... 60 °C   |
| Housing material  | PBT  |
| Explosion prevention and protection                       | Observe the information on the certificate<br>Zone 1 (ATEX)<br>Zone 2 (ATEX)<br>Zone 21 (ATEX)<br>Zone 22 (ATEX) |
| Mounting position   | Any  |
| Symbol  | 00991452   |
| Width across flats  | 16 mm  |
| 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   | 810 l/min  |
| Standard flow rate in non-return direction at 6 -> 0 bar  | 750 l/min ... 900 l/min  |
| 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 zone III   |
| Cleanroom suitability, measured according to ISO 14644-14 | Class 4 according to ISO 14644-1   |
| Temperature of medium                                     | -10 °C ... 60 °C   |
| Max. tightening torque                                    | 12 Nm  |

| <b>Feature</b>                          | <b>Value</b>      |
|---|-------------------|
| Nominal tightening torque               | 10 Nm             |
| Tolerance for nominal tightening torque | ± 20%             |
| Product weight                          | 16 g              |
| Pack size                               | 50                |
| Note on materials                       | RoHS-compliant    |
| Cover material                          | PBT               |
| Material of dynamic seals               | HNBR              |
| Threaded bolt material                  | Steel, galvanized |
| Releasing ring material                 | PBT               |
| Static seal material                    | NBR               |