

# One-way flow control valve VFOE-LE-T-R38-Q8

Part number: 8068740

FESTO



 [General operating condition](#)

## Data sheet

| Feature   | Value  |
|---|--|
| Valve function  | Exhaust air one-way flow control function  |
| Pneumatic connection, port 1  | QS-8   |
| Pneumatic connection, port 2  | R3/8   |
| Type of actuation   | Manual   |
| Adjustment component  | Rotary knob with latch   |
| Type of mounting  | Screw-in   |
| Standard nominal flow rate in flow control direction                          | 720 l/min  |
| Standard nominal flow rate in blocked direction                               | 600 l/min ... 900 l/min  |
| Ambient temperature   | -10 °C ... 60 °C   |
| Material housing  | PBT  |
| Explosion protection  | The information in the certificate must be observed!<br>Zone 1 (ATEX)<br>Zone 2 (ATEX)<br>Zone 21 (ATEX)<br>Zone 22 (ATEX) |
| Mounting position   | Any  |
| Symbol  | 00991452   |
| Width across flats  | 21 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) | 1150 l/min   |
| Standard flow rate in non-return direction 0.6->0 MPa (6->0 bar, 87->0 psi)   | 1300 l/min ... 1500 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 suitability, measured according to ISO 14644-14                     | Class 4 according to ISO 14644-1   |

| <b>Feature</b>         | <b>Value</b>     |
|------------------------|------------------|
| Media temperature      | -10 °C ... 60 °C |
| Product weight         | 29.5 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              |