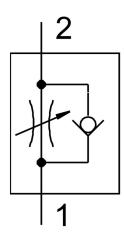
## One-way flow control valve VFOE-LE-T-R18-Q8-F1A Part number: 8157638

**FESTO** 





## **Data sheet**

| Feature   | Value  |
|---|--|
| Valve function  | Exhaust air one-way flow control function  |
| Pneumatic connection, port 1  | QS-8   |
| Pneumatic connection, port 2  | R1/8   |
| Type of actuation   | Manual   |
| Adjustment component  | Rotary knob with detent  |
| Type of mounting  | Screw-in   |
| Standard nominal flow rate in flow control direction                          | 170 l/min  |
| Standard nominal flow rate in blocked direction                               | 130 l/min200 l/min   |
| Ambient temperature   | -10 °C60 °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   |
| Width across flats  | 13 mm  |
| Rotatability  | 360°/no continuous swivelling permissible  |
| Variants  | Metals with copper, zinc or nickel as main constituent are excluded from use. Exceptions are nickel in steel, chemically nickel-plated surfaces, printed circuit boards, cables, electrical plug connectors and coils. |
| Operating pressure complete temperature range                                 | 0.02 MPa1 MPa<br>0.2 bar10 bar<br>2.9 psi145 psi   |
| Standard flow rate in flow control direction 0.6->0 MPa (6->0 bar, 87->0 psi) | 320 l/min  |

| Feature   | Value  |
|---|--|
| Standard flow rate in non-return direction 0.6->0 MPa (6->0 bar, 87->0 psi) | 320 l/min390 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   |
| Suitability for the production of Li-ion batteries                          | Metals with more than 1% copper, zinc or nickel by mass are excluded from use. Exceptions are nickel in steel, chemically nickel-plated surfaces, printed circuit boards, cables, electrical plug connectors and coils |
| Cleanroom class   | Class 4 according to ISO 14644-1   |
| Media temperature   | -10 °C60 °C  |
| Product weight  | 9.5 g  |
| Note on materials   | RoHS-compliant   |
| Material cover  | PBT  |
| Material dynamic seals  | HNBR   |
| Material threaded bolt  | Steel, chemically nickel-plated  |
| Material release ring   | PBT  |
| Material static seals   | NBR  |