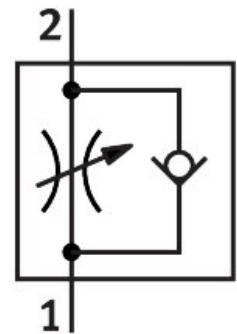


# One-way flow control valve VFOE-LE-T-G18-Q8

Part number: 8068727

**FESTO**



## Data sheet

| Feature                                                   | Value                                                                                                            |
|-----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| Valve function                                            | Exhaust air flow control non-return function                                                                     |
| Pneumatic connection 1                                    | QS-8                                                                                                             |
| Pneumatic connection 2                                    | G1/8                                                                                                             |
| Actuation type                                            | Manual                                                                                                           |
| Adjusting element                                         | Rotary knob with latch                                                                                           |
| Type of mounting                                          | Screw-in                                                                                                         |
| Standard nominal flow rate in flow control direction      | 170 l/min                                                                                                        |
| Standard nominal flow rate in non-return direction        | 130 l/min...200 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                                                                                                              |
| Width across flats                                        | 13 mm                                                                                                            |
| Rotatability                                              | 360 deg/continuous swiveling not permissible                                                                     |
| Operating pressure for entire temperature range           | 0.02 MPa...1 MPa<br>0.2 bar...10 bar<br>2.9 psi...145 psi                                                        |
| Standard flow rate in flow control direction 6 -> 0 bar   | 320 l/min                                                                                                        |
| Standard flow rate in non-return direction at 6 -> 0 bar  | 320 l/min...390 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                                                                                                   |

| Feature                                 | Value            |
|-----------------------------------------|------------------|
| Max. tightening torque                  | 6 Nm             |
| Nominal tightening torque               | 5 Nm             |
| Tolerance for nominal tightening torque | ±20%             |
| Product weight                          | 9.5 g            |
| Note on materials                       | RoHS compliant   |
| Cover material                          | PBT              |
| Material of dynamic seals               | HNBR             |
| Threaded bolt material                  | Galvanized steel |
| Releasing ring material                 | PBT              |
| Static seal material                    | NBR              |