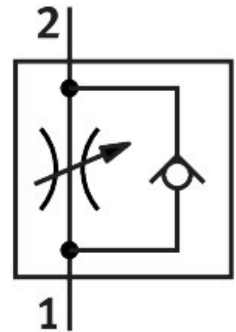


# One-way flow control valve VFOE-LS-T-M7-Q4

Part number: 8068745

**FESTO**



## Data sheet

| Feature                                                   | Value                                                              |
|-----------------------------------------------------------|--------------------------------------------------------------------|
| Valve function                                            | Supply air flow control non-return function                        |
| Pneumatic connection 1                                    | QS-4                                                               |
| Pneumatic connection 2                                    | M7                                                                 |
| Actuation type                                            | Manual                                                             |
| Adjusting element                                         | Rotary knob with latch                                             |
| Type of mounting                                          | Screw-in                                                           |
| Standard nominal flow rate in flow control direction      | 85 l/min                                                           |
| Standard nominal flow rate in non-return direction        | 50 l/min...90 l/min                                                |
| Ambient temperature                                       | -10 °C...60 °C                                                     |
| Housing material                                          | PBT                                                                |
| Mounting position                                         | Any                                                                |
| Width across flats                                        | 9 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   | 135 l/min                                                          |
| Standard flow rate in non-return direction at 6 -> 0 bar  | 130 l/min...160 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                                    | 3.6 Nm                                                             |
| Nominal tightening torque                                 | 3 Nm                                                               |
| Tolerance for nominal tightening torque                   | ±20%                                                               |
| Product weight                                            | 4 g                                                                |

| Feature                   | Value            |
|---------------------------|------------------|
| 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              |