

One-way flow control valve VFOE-LS-T-M7-Q6

Part number: 8068746

FESTO



 [General operating condition](#)

Data sheet

| Feature | Value |
|---|--|
| Valve function | Supply air one-way flow control function |
| Pneumatic connection, port 1 | QS-6 |
| Pneumatic connection, port 2 | M7 |
| Type of actuation | Manual |
| Adjustment component | Rotary knob with detent |
| Type of mounting | Screw-in |
| Standard nominal flow rate in flow control direction | 100 l/min |
| Standard nominal flow rate in blocked direction | 60 l/min ... 100 l/min |
| Ambient temperature | -10 °C ... 60 °C |
| Material housing | PBT |
| Mounting position | optional |
| Symbol | 00991453 |
| Width across flats | 9 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) | 165 l/min |
| Standard flow rate in non-return direction 0.6->0 MPa (6->0 bar, 87->0 psi) | 150 l/min ... 180 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 |
| Media temperature | -10 °C ... 60 °C |
| Max. tightening torque | 3.6 Nm |
| Nominal torque | 3 Nm |
| Tolerance for nominal tightening torque | ± 20% |

| Feature | Value |
|------------------------|------------------|
| Product weight | 4 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 |