

# One-way flow control valve VFOH-LE-A-G18-Q8

Part number: 578799

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  | G1/8   |
| Type of actuation   | Manual   |
| Adjustment component  | External hex   |
| Type of mounting  | Screw-in   |
| Standard nominal flow rate in flow control direction                          | 275 l/min  |
| Standard nominal flow rate in blocked direction                               | 132 l/min ... 307 l/min  |
| Ambient temperature   | 0 °C ... 150 °C  |
| Mounting position   | Any  |
| Symbol  | 00991452   |
| Operating pressure complete temperature range                                 | 0.2 bar ... 10 bar   |
| Standard flow rate in flow control direction 0.6-→0 MPa (6-→0 bar, 87-→0 psi) | 400 l/min  |
| Standard flow rate in non-return direction 0.6-→0 MPa (6-→0 bar, 87-→0 psi)   | 330 l/min ... 410 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-B2-L   |
| Storage temperature   | -10 °C ... 150 °C  |
| Media temperature   | 0 °C ... 150 °C  |
| Nominal torque  | 3 Nm   |
| Tolerance for nominal tightening torque                                       | ±10%   |
| Product weight  | 23 g   |
| Note on materials   | RoHS compliant   |
| Material seals  | Fluoro rubber  |
| Material hollow bolt  | Wrought aluminium alloy  |
| Material release ring   | Nickel-plated brass  |
| Material adjusting screw  | High-alloy stainless steel   |

| Feature                 | Value                  |
|-------------------------|------------------------|
| Material swivel fitting | Brass<br>nickel-plated |