

One-way flow control valve VFOE-LE-T-R14-Q6

Part number: 8068737

FESTO



 [General operating condition](#)

Data sheet

| Feature | Value |
|---|--|
| Valve function | Exhaust air flow control non-return function |
| Pneumatic connection 1 | QS-6 |
| Pneumatic connection 2 | R1/4 |
| Actuation type | Manual |
| Adjusting element | Rotary knob with detent |
| Type of mounting | Screw-in |
| Standard nominal flow rate in flow control direction | 400 l/min |
| Standard nominal flow rate in non-return direction | 350 l/min ... 450 l/min |
| Ambient temperature | -10 °C ... 60 °C |
| Housing material | PBT |
| Explosion prevention and protection | Observe the information on the certificate Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX) |
| Mounting position | Any |
| Symbol | 00991452 |
| Width across flats | 16 mm |
| Rotatability | 360 deg/continuous swiveling not permissible |
| Operating pressure for entire temperature range | 0.02 MPa ... 1 MPa |
| Operating pressure for entire temperature range | 0.2 bar ... 10 bar |
| Operating pressure for entire temperature range | 2.9 psi ... 145 psi |
| Standard flow rate in flow control direction 6 -> 0 bar | 610 l/min |
| Standard flow rate in non-return direction at 6 -> 0 bar | 700 l/min ... 800 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 |
| Product weight | 16 g |

| Feature | Value |
|---------------------------|-------------------|
| Note on materials | RoHS-compliant |
| Cover material | PBT |
| Material of dynamic seals | HNBR |
| Threaded bolt material | Steel, galvanized |
| Releasing ring material | PBT |
| Static seal material | NBR |