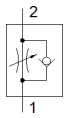
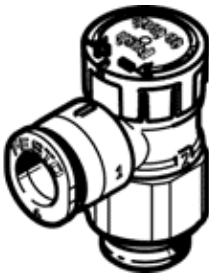


One-way flow control valve VFOE-LE-T-R12-Q12-F1A

Part number: 8157631

FESTO



Data sheet

| Feature | Value |
|--|--|
| Valve function | One-way flow control function for exhaust air |
| Pneumatic connection, port 1 | QS-12 |
| Pneumatic connection, port 2 | R1/2 |
| Type of actuation | manual |
| Adjusting element | Rotary knob with lock |
| Mounting type | Threaded |
| Standard nominal flow rate in flow control direction | 1,200 l/min |
| Standard nominal flow rate in non-return direction | 600 ... 1200 l/min |
| Ambient temperature | -10 ... 60 °C |
| Material housing | PBT |
| Assembly position | Any |
| Width across flats | 24 mm |
| Ability to swivel | 360° / no continuous swivelling permissible |
| Variants | Recommended for production facilities for the manufacture of lithium-ion batteries |
| Operating pressure for entire temperature range | 0.02 ... 1 MPa |
| Operating pressure complete temperature range | 0.2 ... 10 bar |
| Operating pressure for entire temperature range | 2.9 ... 145 psi |
| Standard flow rate in flow control direction 0.6->0 MPa (6->0 bar, 87->0 psi) | 1,900 l/min |
| Standard flow rate in non-return direction at 0.6->0 MPa (6->0 bar, 87->0 psi) | 1400 ... 2000 l/min |
| Operating medium | Compressed air in accordance with ISO8573-1:2010 [7:4:4] |
| Note on operating and pilot medium | Lubricated operation possible (subsequently required for further operation) |
| PWIS conformity | VDMA24364 zone III |
| RSBP classification to CD-0033 | F1a |
| Cleanroom class | ISO class 4 |
| Medium temperature | -10 ... 60 °C |
| Product weight | 49.5 g |
| Materials note | Conforms to RoHS |
| Material cover | PBT |
| Material of dynamic seals | HNBR |
| Material threaded bolt | Steel, chemical nickel-plated |
| Material release ring | PBT |
| Material static seals | NBR |