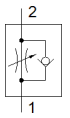
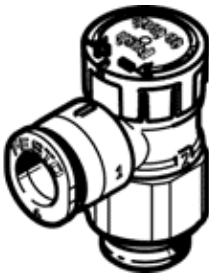


# one-way flow control valve VFOE-LE-T-M5-Q6-F1A

Part number: 8157641

FESTO



## Data sheet

| Feature  | Value  |
|--|--|
| Valve function   | One-way flow control function for exhaust air                                      |
| Pneumatic connection, port 1   | QS-6   |
| Pneumatic connection, port 2   | M5   |
| Type of actuation  | manual   |
| Adjusting element  | Rotary knob with lock  |
| Mounting type  | Threaded   |
| Standard nominal flow rate in flow control direction                           | 105 l/min  |
| Standard nominal flow rate in non-return direction                             | 60 ... 105 l/min   |
| Ambient temperature  | -10 ... 60 °C  |
| Material housing   | PBT  |
| Assembly position  | Any  |
| Width across flats   | 9 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)  | 160 l/min  |
| Standard flow rate in non-return direction at 0.6->0 MPa (6->0 bar, 87->0 psi) | 150 ... 180 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  |
| Max. tightening torque   | 2.4 Nm   |
| Nominal tightening torque  | 2 Nm   |
| Tolerance for nominal tightening torque  | ± 20 %   |
| Product weight   | 3.3 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  |