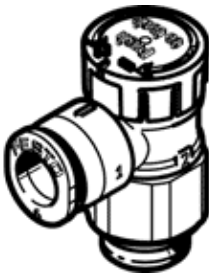


# one-way flow control valve VFOE-LE-T-M5-Q4-F1A

Part number: 8157642

FESTO



## Data sheet

Feature	Value
Valve function	One-way flow control function for exhaust air
Pneumatic connection, port 1	QS-4
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	90 l/min
Standard nominal flow rate in non-return direction	50 ... 90 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)	150 l/min
Standard flow rate in non-return direction at 0.6->0 MPa (6->0 bar, 87->0 psi)	130 ... 160 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