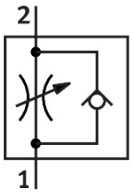
One-way flow control valve VFOE-LS-T-M5-Q6

Part number: 8068744





General operating condition

Data sheet

Feature	Value
Valve function	Supply air one-way flow control function
Pneumatic connection, port 1	QS-6
Pneumatic connection, port 2	M5
Type of actuation	Manual
Adjustment component	Rotary knob with detent
Type of mounting	Screw-in
Standard nominal flow rate in flow control direction	100 l/min
Standard nominal flow rate in blocked direction	60 l/min ... 100 l/min
Ambient temperature	-10 °C ... 60 °C
Material housing	PBT
Explosion protection	The information in the certificate must be observed! Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)
Mounting position	optional
Symbol	00991453
Width across flats	9 mm
Rotatability	360°/no continuous swivelling permissible
Operating pressure complete temperature range	0.02 MPa ... 1 MPa
Operating pressure complete temperature range	0.2 bar ... 10 bar
Operating pressure complete temperature range	2.9 psi ... 145 psi
Standard flow rate in flow control direction 0.6->0 MPa (6->0 bar, 87->0 psi)	165 l/min
Standard flow rate in non-return direction 0.6->0 MPa (6->0 bar, 87->0 psi)	150 l/min ... 180 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 zone III
Cleanroom class	Class 4 according to ISO 14644-1
Media temperature	-10 °C ... 60 °C
Max. tightening torque	2.4 Nm
Nominal torque	2 Nm
Tolerance for nominal tightening torque	± 20%
Product weight	3.3 g

Feature	Value
Note on materials	RoHS-compliant
Material cover	PBT
Material dynamic seals	HNBR
Material threaded bolt	Galvanised steel
Material release ring	PBT
Material static seals	NBR