

# one-way flow control valve GRLZ-M3

Part number: 175040

FESTO

For supply air flow control, with swivel joint.



## Data sheet

Feature	Value
Valve function	one-way flow control function for supply air
Pneumatic connection, port 1	M3
Pneumatic connection, port 2	M3
Adjusting element	Slotted head screw
Mounting type	Threaded
Standard nominal flow rate in flow control direction	18 l/min
Standard nominal flow rate in non-return direction	18 ... 20 l/min
Operating pressure	0.2 ... 10 bar
Ambient temperature	-10 ... 60 °C
Assembly position	Any
Standard flow rate in flow control direction 0.6->0 MPa (6->0 bar, 87->0 psi)	33 l/min
Standard flow rate in non-return direction at 0.6->0 MPa (6->0 bar, 87->0 psi)	33 ... 37 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-B1/B2-L
Medium temperature	-10 ... 60 °C
Max. tightening torque	0.3 Nm
Product weight	2 g
Material of threaded plug	Brass Nickel plated
Materials note	Conforms to RoHS
Material seals	NBR
Material adjusting screw	Brass
Material swivel fitting	Zinc die-casting