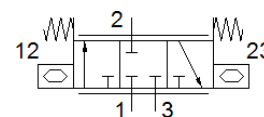


Piezo valve

VEMP-BS-3-16-D5-F-28T1

Part number: 8065738

FESTO



Data sheet

Feature	Value
Container size	1
Note on degree of protection	Depending on the connection block
Standard nominal flow rate	18 l/min
Standard nominal flow rate 2-3	19 l/min
Flow direction	non reversible
Nominal working pressure	0.5 bar
Working pressure	0 ... 0.7 bar
Valve function	3/3-way, closed, monostable
Nominal size	1.6 mm
Type of actuation	electrical
Pneumatic connection, port 1	Flange
Pneumatic connection, port 2	Flange
Pneumatic connection, port 3	Flange
Medium	Inert gases Air Oxygen (oxygen applications according to IEC 60601-1 only on request) Nitrogen
Special characteristics	Oxygen-compatible to DIN EN 1797
Operating medium	Compressed air to ISO 8573-1:2010 [5:3:1]
Note on operating and pilot medium	Lubricated operation not possible
Grade of filtration	≤ 5 μm
Relative air humidity	0 - 70 % non-condensing
Pressure dew point	≤ -20 °C
Max. switching frequency	5 Hz
Medium temperature	-20 ... 60 °C
Ambient temperature	-20 ... 70 °C
Storage temperature	-20 ... 70 °C
Nominal operating voltage DC	310 V
Operating voltage range DC	0 ... 310 V
Max. current consumption	5 mA
Max. electrical power consumption	1 mW
Product weight	8 g
Material seals	EPDM
Material housing	PA-reinforced
Material cover	PA-reinforced
Materials note	Conforms to RoHS
Grid dimension	17.2 mm
Dimensions W x L x H	17,2 mm x 52,1 mm x 7,2 mm
Mounting type	on manifold rail On subbase
Assembly position	Any
CE symbol (see declaration of conformity)	according to EU low voltage guideline
PWIS conformity	VDMA24364-B2-L