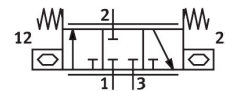


Piezo valve VEMP-BS-3-16-D5-F-28T1

Part number: 8065738

FESTO



Data sheet

Feature	Value
Size of pack	1
Note on degree of protection	Depending on connection block
Standard nominal flow rate (standardised to DIN 1343)	18 l/min
Standard nominal flow rate 2-3	19 l/min
Flow direction	Non-reversible
Nominal operating pressure	0.5 bar
Operating pressure	0 bar...0.7 bar
Valve function	3/3-way, closed, monostable
Nominal size	1.6 mm
Type of actuation	Electric
Pneumatic connection, port 1	Flange
Pneumatic connection, port 2	Flange
Pneumatic connection, port 3	Flange
Medium	Inert gases Air Oxygen (oxygen applications to IEC 60601-1 only on request) Nitrogen
Special characteristics	Oxygen-compatible to DIN EN 1797
Operating medium	Compressed air as per 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
Media temperature	-20 °C...60 °C
Ambient temperature	-20 °C...70 °C
Storage temperature	-20 °C...70 °C
Nominal operating voltage DC	310 V
Operational voltage range DC	0 V...310 V
Max. current consumption	5 mA
Max. electrical power consumption	1 mW

Feature	Value
Product weight	8 g
Material seals	EPDM
Material housing	PA-reinforced
Material cover	PA-reinforced
Note on materials	RoHS-compliant
Grid dimension	17.2 mm
Dimensions (W x L x H)	17.2 x 52.1 x 7.2 mm
Type of mounting	On manifold rail On sub-base
Mounting position	optional
CE mark (see declaration of conformity)	To EU Low Voltage Directive
LABS (PWIS) conformity	VDMA24364-B2-L
Oxygen suitability according to standard	ASTM G 63 ASTM G 93 ISO 15001
Biocompatibility according to standard	ISO 18562