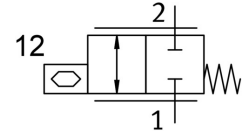


Piezo valve VEAE-BB-6-17-D22-X4

Part number: 8078917

FESTO



Data sheet

Feature	Value
Type code	VEAE
Valve function	2/2, closed, monostable
Flow direction	Non-reversible
Type of control	Direct
Reset method	Mechanical spring
Actuation type	Electrical
Mounting position	Any
Width dimension	20.5 mm
Sealing principle	Soft
Nominal width	1.7 mm
Total leakage	<0.4 l/h
Symbol	00995952
Ambient temperature	-10 °C ... 60 °C
Temperature of medium	-10 °C ... 60 °C
Storage temperature	-20 °C ... 70 °C
Relative air humidity	0 - 60 % Non-condensing
Pressure dew point	≤-20 °C
Dimensions W x L x H	64 mm x 24 mm x 12 mm
Pneumatic connection 1	Flange
Pneumatic connection 2	Flange
Seals material	EPDM
Type of mounting	With through-hole
Operating pressure	0 bar ... 3 bar
Nominal operating pressure	3 bar
Burst pressure	25 bar
Duty cycle	100%
Standard nominal flow rate	50 l/min ... 64 l/min
Note on standard nominal flow rate	Production-related distribution
Product weight	10 g
Medium	Compressed air as per ISO 8573-1:2010 [5:3:1] Inert gas Oxygen (oxygen applications according to IEC 60601-1 only on request)
Information on medium	Operation with oil lubrication not possible
Grade of filtration	≤5 µm
Special features	Oxygen-compatible as per DIN EN 1797

Feature	Value
Degree of protection	IP40 In mounted state
Note on materials	Contains paint-wetting impairment substances RoHS-compliant
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
DC operating voltage range	0 V ... 300 V
Nominal operating voltage DC	300 V
Max. current consumption	0.011 A
Max. switching frequency	12 Hz
Max. electrical power consumption	0.1 W
Electrical connection	3-pin Plug Flexible circuit board connector, RM 2.5 mm
Housing material	PA-reinforced
Vibration resistance	Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27