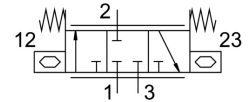


Piezo valve VEMP-BS-3-13-D19-F-28T1

Part number: 8065734

FESTO



Data sheet

| Feature | Value |
|--|---|
| Type code | VEMP |
| Pack size | 1 |
| Symbol | 00992802 |
| Note on degree of protection | Depending on manifold block |
| Standard nominal flow rate | 28 l/min |
| Standard nominal flow rate 2-3 | 29 l/min |
| Flow direction | Non-reversible |
| Nominal operating pressure | 1.7 bar |
| Operating pressure | 0 bar ... 1.7 bar |
| Valve function | 2/2, closed, monostable 3/3, closed, monostable |
| Nominal width | 1.3 mm |
| Actuation type | Electrical |
| Pneumatic connection 1 | Flange |
| Pneumatic connection 2 | Flange |
| Pneumatic connection 3 | Flange |
| Medium | Inert gas Air Oxygen (oxygen applications according to IEC 60601-1 only on request) Nitrogen |
| Special features | Oxygen-compatible as per DIN EN 1797 |
| Operating medium | Compressed air as per ISO 8573-1:2010 [5:3:1] |
| Information on operating and pilot media | Operation with oil lubrication not possible |
| Grade of filtration | ≤5 µm |
| Relative air humidity | 0 - 70 % Non-condensing |
| Pressure dew point | ≤-20 °C |
| Max. switching frequency | 5 Hz |
| Temperature of medium | 0 °C ... 50 °C |
| Ambient temperature | 0 °C ... 50 °C |
| Storage temperature | -20 °C ... 70 °C |
| Nominal operating voltage DC | 310 V |
| DC operating voltage range | 0 V ... 310 V |
| Max. current consumption | 5 mA |
| Max. electrical power consumption | 0 W |
| Product weight | 8 g |
| Seals material | EPDM |

| Feature | Value |
|--|----------------------------------|
| Housing material | PA-reinforced |
| Cover material | PA-reinforced |
| Note on materials | RoHS-compliant |
| Width dimension | 17.2 mm |
| Dimensions W x L x H | 17.2 mm x 52.1 mm x 7.2 mm |
| Type of mounting | On terminal strip On sub-base |
| Mounting position | Any |
| CE marking (see declaration of conformity) | As per EU low voltage directive |