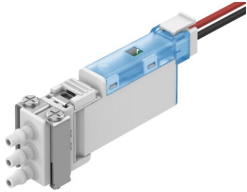


Solenoid valve

VOVK-BT6-M32C-MN-5H5ZP-B3.2F

FESTO

Part number: 8122787



 [General operating condition](#)

Data sheet

| Feature | Value |
|---|--|
| Valve function | 3/2-way, closed, monostable |
| Actuation type | Electrical |
| Width | 5.9 mm |
| Normal nominal flow rate (normalized to DIN 1343) | 5.5 l/min |
| Pneumatic working port | For tubing I.D. 2 mm |
| Operating pressure | -0.1 MPa ... 0.7 MPa |
| Operating pressure | -1 bar ... 7 bar |
| Operating pressure | -14.5 psi ... 100 psi |
| Information on operating pressure | Operating pressure at port 3: -1 to 0 bar only |
| Structural design | Poppet valve with spring return |
| Reset method | Mechanical spring |
| Degree of protection | IP40 |
| Nominal width | 0.36 mm |
| Exhaust air function | Adjustable |
| Sealing principle | Soft |
| Mounting position | Any |
| Manual override | None |
| Type of control | Electrical |
| Flow direction | Reversible |
| Symbol | 00992967 |
| Cv value | 0.006 Gal/min US |
| Max. switching frequency | 10 Hz |
| Switching time off | ≤6 ms |
| Note on switching time off | At -1 < p < 6 bar |
| On switching time | ≤13 ms |
| Note on switching time on | ≤ 6 ms at 0 < p < 6 bar, ≤ 13 ms at -1 < p < 0 bar |
| Duty cycle | 100% within 500 h |
| Electrical power consumption | ≤0.5 W |
| Nominal operating voltage DC | 12 V |
| Permissible voltage fluctuations | +/- 10% |
| Operating medium | Compressed air to ISO 8573-1:2010 [6:4:1] |
| Information on operating and pilot media | Operation with oil lubrication not possible |
| Corrosion resistance class (CRC) | 1 - Low corrosion stress |
| LABS (PWIS) conformity | VDMA24364 Zone III |
| Temperature of medium | 5 °C ... 50 °C |

| Feature | Value |
|-------------------------------|----------------------------|
| Relative air humidity | 70% |
| Note on relative air humidity | at ambient temperature |
| Ambient temperature | 5 °C ... 50 °C |
| Product weight | 6 g |
| Electrical connection | Cable |
| Type of mounting | With through-hole |
| Pneumatic connection 1 | For tubing I.D. 2 mm |
| Pneumatic connection 3 | For tubing I.D. 2 mm |
| Note on materials | RoHS compliant |
| Housing material | PBT |
| Material of spring | high-alloy stainless steel |