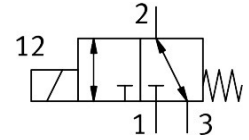
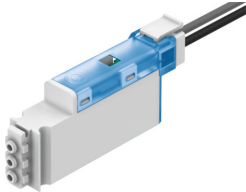


Solenoid valve

VOVK-BT6-M32C-MN-5H5ZP-FF

Part number: 8122781

FESTO



Data sheet

| Feature | Value |
|---|--|
| Valve function | 3/2-way, closed, monostable |
| Type of actuation | Electric |
| Construction width | 5.9 mm |
| Standard nominal flow rate (standardised to DIN 1343) | 5.5 l/min |
| pneumatic working port | Sub-base |
| Operating pressure | -0.1 MPa...0.7 MPa -1 bar...7 bar -14.5 psi...100 psi |
| Note on operating pressure | Operating pressure at port 3: -1 to 0 bar only |
| Design | Connection orientation forwards Poppet valve with spring return |
| Type of reset | Mechanical spring |
| Degree of protection | IP40 |
| Nominal size | 0.36 mm |
| Exhaust-air function | With flow control option |
| Sealing principle | Soft |
| Mounting position | optional |
| Manual override | None |
| Type of piloting | Electric |
| Flow direction | Reversible |
| 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 |
| Switching time on | 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] |
| Note on operating and pilot medium | Lubricated operation not possible |

| Feature | Value |
|--------------------------------|----------------------------|
| Corrosion resistance class CRC | 1 - Low corrosion stress |
| LABS (PWIS) conformity | VDMA24364 zone III |
| Media temperature | 5 °C...50 °C |
| 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, port 1 | Sub-base |
| Pneumatic connection, port 3 | Sub-base |
| Note on materials | RoHS-compliant |
| Material housing | PBT |
| Material spring | High-alloy stainless steel |