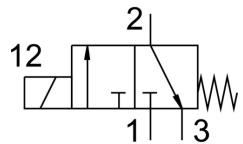
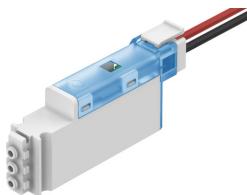


# Solenoid valve VOVK-BT6-M32C-MN-5H5ZP-FF

FESTO

Part number: 8122781



## Data sheet

Feature	Value
Valve function	3/2, closed, monostable
Relative air humidity	70 %
Material of spring	High-alloy stainless steel
Cv value	0.006 Gal/min US
Operating pressure	-0.1 MPa ... 0.7 MPa
Operating pressure	-14.5 psi ... 100 psi
Nominal operating voltage DC	12 V
Note on switching time on	$\leq 6$ ms at $0 < p < 6$ bar, $\leq 13$ ms at $-1 < p < 0$ bar
Note on switching time off	At $-1 < p < 6$ bar
Information on operating pressure	Operating pressure at port 3: -1 to 0 bar only
Note on relative air humidity	at ambient temperature
Actuation type	Electrical
Width	5.9 mm
Standard nominal flow rate	5.5 l/min
Pneumatic working port	Sub-base
Operating pressure	-1 bar ... 7 bar
Design	Connection direction to the front Poppet valve with return spring
Reset method	Mechanical spring
Degree of protection	IP40
Nominal width	0.36 mm
Type code	VOVK
Exhaust air function	With flow control option
Sealing principle	Soft
Mounting position	Any
Manual override	None
Type of control	Electrical
Flow direction	Reversible
Symbol	00992967
Max. switching frequency	10 Hz
Switching time off	$\leq 6$ ms
On switching time	$\leq 13$ ms
Duty cycle	100% within 500 h
Electrical power consumption	$\leq 0.5$ W
Permissible voltage fluctuations	$\pm 10$ %
Operating medium	Compressed air to ISO 8573-1:2010 [6:4:1]

Feature	Value
Information on operating and pilot media	Operation with oil lubrication not possible
Corrosion resistance class (CRC)	1 - Low corrosion stress
Temperature of medium	5 °C ... 50 °C
Ambient temperature	5 °C ... 50 °C
Product weight	6 g
Electrical connection	Cable
Type of mounting	With through-hole
Pneumatic connection 1	Sub-base
Pneumatic connection 3	Sub-base
Note on materials	Contains paint-wetting impairment substances RoHS-compliant
Housing material	PBT