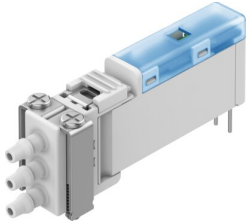


Solenoid valve

VOVK-BT6-M32C-MN-5T1P-B3.2F

FESTO

Part number: 8122789



[General operating condition](#)

Data sheet

Feature	Value
Valve function	3/2-way, single solenoid, closed
Type of actuation	Electrical
Construction width	5.9 mm
Standard nominal flow rate (standardised 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
Note on operating pressure	Operating pressure at port 3: -1 to 0 bar only
Design	Poppet valve with spring return
Type of reset	Mechanical spring
Degree of protection	IP40
Nominal size	0.36 mm
Exhaust-air function	Can be throttled
Sealing principle	Soft
Mounting position	Any
Manual override	None
Type of piloting	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
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
Corrosion resistance class CRC	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364 zone III
Media temperature	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	4.5 g
Electrical connection	2-pin
Type of mounting	With through-hole
Pneumatic connection, port 1	For tubing I.D. 2 mm
Pneumatic connection, port 3	For tubing I.D. 2 mm
Note on materials	RoHS compliant
Material housing	PBT
Material spring	High-alloy stainless steel