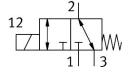
Solenoid valve VOVK-BT6-M32C-MN-1T1P-B3.2F Part number: 8122785





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	For tubing I.D. 2 mm
Operating pressure	-0.1 MPa0.7 MPa -1 bar7 bar -14.5 psi100 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	24 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

Feb 14, 2025 – Subject to change - Festo SE & Co. KG

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Feature	Value
Corrosion resistance class CRC	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364 zone III
Media temperature	5 °C50 °C
Relative air humidity	70%
Note on relative air humidity	At ambient temperature
Ambient temperature	5 °C50 °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