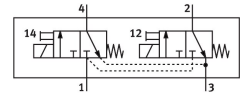


Air solenoid valve VOVC-BT-T32C-MT-F-1T1

Part number: 565450

FESTO



Data sheet

Feature	Value
Valve function	2x3/2 closed, monostable
Actuation type	Electrical
Valve size	10 mm
Pneumatic working port	Sub-base
Operating voltage	24V DC
Operating pressure	0 MPa...0.8 MPa 0 bar...8 bar 0 psi...116 psi
Structural design	Poppet valve with spring return
Reset method	Mechanical spring
Degree of protection	IP40
Certification	c UL us - recognized (OL)
Nominal width	0.65 mm
Exhaust air function	Cannot be throttled
Sealing principle	Soft
Mounting position	Any
Manual override	Detenting Non-detenting
Type of control	directly
Flow direction	Non-reversible
Lap	Negative overlap
Signal status display	LED
b-value	0.24
C value	0.048 l/sbar
Flow rate of pneumatic valve	10 l/min
Optimized flow rate of pneumatic valve pneumatically concatenated flow	10 l/min
Switching time off	4.7 ms
On switching time	5.2 ms
Max. positive test pulse with 0 signal	600 µs
Max. negative test pulse on 1 signal	800 µs
Coil characteristics	24 V DC: low-current phase 0.3 W, high-current phase 1.0 W
Permissible voltage fluctuations	+/- 10%

Feature	Value
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Corrosion resistance class (CRC)	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
Temperature of medium	-5 °C...50 °C
Pilot medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Ambient temperature	-5 °C...50 °C
Product weight	30 g
Electrical connection	Via sub-base
Pneumatic connection 1	Sub-base
Pneumatic connection 2	Sub-base
Pneumatic connection 3	Sub-base
Pneumatic connection 4	Sub-base
Note on materials	RoHS compliant
Seals material	NBR PU
Housing material	PA-reinforced