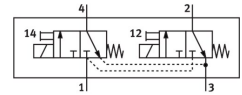


# Air solenoid valve VOVC-BT-T32C-MT-F-1T1

Part number: 565450

FESTO



 [General operating condition](#)

## 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
Operating pressure	0 bar ... 8 bar
Operating pressure	0 psi ... 116 psi
Structural design	Poppet valve with return spring
Reset method	Mechanical spring
Degree of protection	IP40
Certification	c UL us - Recognized (OL)
Nominal width	0.65 mm
Exhaust air function	Without flow control option
Sealing principle	Soft
Mounting position	Any
Manual override	Detenting Non-detenting
Type of control	Direct
Flow direction	Non-reversible
Symbol	00992266
Lap	Underlap
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 %
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

<b>Feature</b>	<b>Value</b>
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