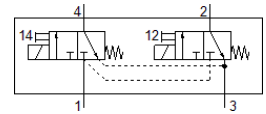
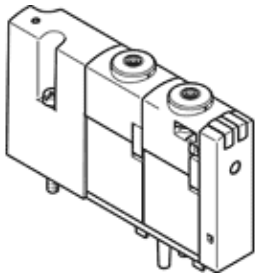


solenoid valve

VOVC-BT-T32C-MT-F-1T1

Part number: 565450

FESTO



Data sheet

Feature	Value
Valve function	2x3/2 closed, monostable
Type of actuation	electrical
Valve size	10 mm
Operating pressure MPa	0 ... 0.8 MPa
Operating pressure	0 ... 8 bar 0 ... 116 psi
Design structure	Poppet valve with spring return
Type of reset	mechanical spring
Protection class	IP40
Authorisation	c UL us - Recognized (OL)
Nominal size	0.65 mm
Exhaust-air function	not throttleable
Sealing principle	soft
Assembly position	Any
Manual override	detenting Pushing
Type of piloting	direct
Flow direction	non reversible
Overlap	Underlap
Signal status display	LED
b value	0.24
C value	0.048 l/sbar
Flow rate of valve	10 l/min
Flow rate of pneumatically linked valve	10 l/min
Switching time off	4.7 ms
Switching time on	5.2 ms
Max. positive test pulse with logic 0	600 µs
Max. negative test pulse with logic 1	800 µs
Characteristic coil data	24 V DC: low-current phase 0.3 W, high-current phase 1.0 W
Permissible voltage fluctuation	+/- 10 %
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
Corrosion resistance classification CRC	1 - Low corrosion stress
PWIS conformity	VDMA24364-B2-L
Medium temperature	-5 ... 50 °C
Pilot medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Ambient temperature	-5 ... 50 °C
Product weight	30 g
Electrical connection	via manifold block
Pneumatic connection, port 1	Sub-base
Pneumatic connection, port 2	Sub-base
Pneumatic connection, port 3	Sub-base
Pneumatic connection, port 4	Sub-base
Materials note	Conforms to RoHS
Material seals	NBR PU
Material housing	PA-reinforced