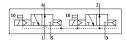
Solenoid valve VSVA-B-T32U-AH-A2-1R5L

FESTO

Part number: 546765





Data sheet

Feature	Value	
Valve function	2x3/2-way, open, monostable	
Type of actuation	Electric	
Construction width	18 mm	
Standard nominal flow rate (standardised to DIN 1343)	400 l/min	
pneumatic working port	Sub-base size 18 mm to ISO 15407-1 Sub-base size 02 to VDMA 24563	
Operating voltage	24V DC	
Operating pressure	0.3 MPa0.8 MPa 3 bar8 bar	
Design	Piston gate valve	
Type of reset	Pneumatic spring	
Approval	C-Tick c UL us - Recognized (OL)	
CE mark (see declaration of conformity)	To EU EMC Directive	
Degree of protection	IP65	
Nominal size	5 mm	
Exhaust-air function	With flow control option	
Sealing principle	Soft	
Mounting position	optional	
Conforms to standard	ISO 15407-1 VDMA 24563	
Manual override	Non-detenting	
Type of piloting	Pilot actuated	
Pilot air supply	Internal	
Flow direction	Non-reversible	
lap	Overlap	
Reverse polarity protection	For all electrical connections	
Additional functions	Holding current reduction Safety shut-off	
Signal status display	LED	
Flow rate of valve	600 l/min	
Flow rate of valve on individual sub-base	450 l/min	
Flow rate of pneumatically interlinked valve	400 l/min	

Feature	Value
Switching time off	22 ms
Switching time on	10 ms
Operational voltage range DC	21.6 V26.4 V
Duty cycle	100%
Max. positive test pulse with 0 signal	500 μs
Max. negative test pulse with 1 signal	500 μs
Characteristic coil data	24 V DC: low-current phase 1.0 W, high-current phase 2.4 W
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Vibration resistance	Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27
Corrosion resistance class CRC	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Media temperature	-5 °C50 °C
Relative air humidity	0 - 90%
Protection against direct and indirect contact	PELV
Ambient temperature	-5 °C50 °C
Max. tightening torque for valve mounting	0.9 Nm1.1 Nm
Product weight	140 g
Electrical connection	3-pin M12x1 Central plug Round design
Type of mounting	On sub-base
Note on materials	RoHS-compliant