Solenoid valve
VSVA-B-T32H-AD-D1-1R5L

Part number: 561361
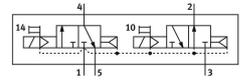
Data sheet

Feature	Value
Valve function	2x3/2-way, open/closed, monostable
Type of actuation	Electric
Construction width	42 mm
Standard nominal flow rate (standardised to DIN 1343)	1100 l/min
pneumatic working port	Sub-base size 1 to ISO 5599-1 G1/4
Operating voltage	24V DC
Operating pressure	0.3 MPa...1 MPa 3 bar...10 bar
Design	Piston gate valve
Type of reset	Pneumatic spring
Approval	c UL us - Recognized (OL)
Degree of protection	IP65 NEMA 4
Nominal size	11 mm
Grid dimension	43 mm
Exhaust-air function	With flow control option Via throttle plate Via individual sub-base
Sealing principle	Soft
Mounting position	optional
Conforms to standard	ISO 5599-1
Manual override	Detenting Non-detenting
Type of piloting	Pilot actuated
Pilot air supply	Internal
Flow direction	Non-reversible
lap	Overlap
Signal status display	LED
Flow rate of valve	1600 l/min
Flow rate of valve on individual sub-base	1200 l/min
Flow rate of pneumatically interlinked valve	1100 l/min
Switching time off	38 ms

Feature	Value
Switching time on	20 ms
Duty cycle	100%
Max. positive test pulse with 0 signal	1600 µs
Max. negative test pulse with 1 signal	1100 µs
Characteristic coil data	24 V DC: 1.3 W
Permissible voltage fluctuations	+/- 10 %
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	0 - No corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Media temperature	-5 °C...50 °C
Relative air humidity	0 - 90%
Pilot medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Ambient temperature	-5 °C...50 °C
Product weight	442 g
Electrical connection	3-pin M12x1 Central plug Round design
Type of mounting	On sub-base
Pneumatic connection, port 1	Sub-base size 1 to ISO 5599-1
Pneumatic connection, port 2	Sub-base size 1 to ISO 5599-1
Pneumatic connection, port 3	Sub-base size 1 to ISO 5599-1
Pneumatic connection, port 4	Sub-base size 1 to ISO 5599-1
Pneumatic connection, port 5	Sub-base size 1 to ISO 5599-1
Note on materials	RoHS-compliant
Material seals	FPM HNBR NBR
Material housing	Die-cast aluminium PA
Material screws	Steel Galvanised