Solenoid valve VUVG-B10-T32H-AZT-F-1T1L

Part number: 573412



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Data sheet

Feature	Value	
Valve function	2x3/2-way, open/closed, monostable	
Type of actuation	Electric	
Valve size	10 mm	
Standard nominal flow rate (standardised to DIN 1343)	150 l/min	
pneumatic working port	Flange	
Operating voltage	24V DC	
Operating pressure	0.15 MPa1 MPa 1.5 bar10 bar	
Design	Piston gate valve	
Type of reset	Pneumatic spring	
Approval	c UL us - Recognized (OL)	
Degree of protection	IP65 IP67	
Exhaust-air function	With flow control option	
Sealing principle	Soft	
Mounting position	optional	
Manual override	Detenting Non-detenting	
Type of piloting	Pilot actuated	
Pilot air supply	External	
lap	Overlap	
Signal status display	LED	
Pilot pressure	0.15 MPa0.8 MPa 1.5 bar8 bar	
Max. switching frequency	3 Hz	
Switching time off	20 ms	
Switching time on	8 ms	
Duty cycle	100%	
Max. positive test pulse with 0 signal	1600 µs	
Max. negative test pulse with 1 signal	3000 µs	
Characteristic coil data	22 V DC: 1.0 W	
Permissible voltage fluctuations	+/- 10 %	

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Feature	Value
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 °C60 °C
Pilot medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Ambient temperature	-5 °C60 °C
Product weight	59 g
Electrical connection	Via sub-base
Type of mounting	On manifold rail
Note on materials	RoHS-compliant
Material seals	HNBR NBR
Material housing	Wrought aluminium alloy