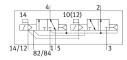
Solenoid valve VUVG-B18-T32H-AZT-F-1R8L Part number: 8031539

FESTO





Data sheet

Feature	Value	
Valve function	2x3/2-way, open/closed, monostable	
Type of actuation	Electric	
Valve size	18 mm	
Standard nominal flow rate (standardised to DIN 1343)	790 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	RCM trademark c UL us - Recognized (OL)	
Degree of protection	IP65 With plug socket	
Nominal size	5.7 mm	
Exhaust-air function	With flow control option	
Sealing principle	Soft	
Mounting position	optional	
Manual override	Detenting Non-detenting Covered	
Type of piloting	Pilot actuated	
Pilot air supply	External	
lap	Overlap	
Pilot pressure	0.15 MPa0.8 MPa 1.5 bar8 bar	
Switching time off	27 ms	
Switching time on	13 ms	
Duty cycle	100%	
Max. positive test pulse with 0 signal	700 μs	
Max. negative test pulse with 1 signal	900 μs	
Characteristic coil data	24 V DC: 1.0 W	
Permissible voltage fluctuations	+/- 10 %	

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
Restrictions for environmental and media temperature	-5 50° C Without holding current reduction
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
Cleanroom class	Class 5 according to ISO 14644-1
Media temperature	-5 °C60 °C
Pilot medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Ambient temperature	-5 °C60 °C
Product weight	164 g
Electrical connection	Via electrical sub-base
Type of mounting	On manifold rail
Note on materials	RoHS-compliant
Material seals	HNBR NBR
Material housing	Wrought aluminium alloy