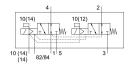
Solenoid valve VUVG-B18-T32U-MZ-F-P1

Part number: 8033563







Data sheet

Figure of actuation Electric Valve size 18 mm Standard nominal flow rate 800 l /min pneumatic working port Plange -0.09 MPa1 MPa -0.9 bar10 bar Design Piston gate valve Vitype of reset Approval Certificate issuing authority UL MH19482 Degree of protection Pfe5 With electric pilot valve and plug socket Nominal size S.7 mm Exhaust-air function With flow control option Sealing principle Soft Mounting position Pilot air supply External Positive overlap Positive overlap Positive overlap Positive overlap Switching time of Switching time on Duty cycle Max. positive test pulse with 0 signal Max. positive test pulse with 1 signal Operating medium Vibration resistance Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6 Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6	Feature	Value
Valve size 18 mm Standard nominal flow rate 800 l/min Flange Operating pressure -0.9 MPa1 MPa -0.9 bar10 bar Design Piston gate valve Type of reset Mechanical spring Certificate issuing authority UL MH19482 Degree of protection P65 With electric pilot valve and plug socket Nominal size S.7 mm Exhaust-air function Soft Mounting position Type of piloting Pilot actuated Pilot air supply External Positive overlap Pilot pressure 0.2 MPa0.8 MPa 2 bar8 bar Switching time off 15 ms Switching time on Duty cycle Max. positive test pulse with 0 signal Max. positive test pulse with 0 signal Note on operating medium Compressed air to ISO 8573-1:2010 [7:4:4] Lubricated operation test with severity level 2 to FN 942017-4 and EN 60068-2-6 Firston and size University level 2 to FN 942017-4 and EN 60068-2-6	Valve function	2x3/2-way, open, monostable
Standard nominal flow rate pneumatic working port Derating pressure Operating activation Design Piston gate valve Mechanical spring Cut us - Recognized (OL) Ut MH19482 Degree of protection IP65 With electric pilot valve and plug socket Nominal size S.7 mm Exhaust-air function With flow control option Seating principle Soft Mounting position Optional Pipos of piloting Pilot actuated Pilot air supply External Jap Positive overlap Optive overlap Optive pressure Opti	Type of actuation	Electric
Priest Pr	Valve size	18 mm
Operating pressure -0.09 MPa1 MPa -0.9 barr10 bar Piston gate valve Mechanical spring Approval Cut us - Recognized (Ot) Certificate issuing authority UL MH19482 Degree of protection IP65 With electric pilot valve and plug socket Nominal size 5.7 mm Exhaust-air function Weith flow control option Sealing principle Soft Mounting position Optional Pilot actuated Pilot air supply External Jap Positive overlap Positive overlap Positive in Supple Switching time on 16 ms Duty cycle Max. positive test pulse with 0 signal Max. negative test pulse with 1 signal Operating medium Compressed air to ISO 8573-1:2010 [7:4:4] Note on operating and pilot medium Vibration resistance Tansport application test with severity level 2 to FN 942017-4 and EN 60068-2-6	Standard nominal flow rate	800 l/min
-0.9 bar10 bar Design Piston gate valve Type of reset Mechanical spring Approval CUL us - Recognized (OL) Certificate issuing authority UL MH19482 Degree of protection Pie5 With electric pilot valve and plug socket Nominal size 5.7 mm Exhaust-air function With flow control option Sealing principle Soft Mounting position optional Type of piloting Pilot actuated Pilot actuated Pilot actuated Pilot are supply External App Positive overlap Pilot pressure 0.2 MPa0.8 MPa 2 bar8 bar Switching time off 15 ms Switching time on 16 ms Duty cycle 100% Max. positive test pulse with 0 signal 700 μs Max. negative test pulse with 1 signal 900 μs 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	pneumatic working port	Flange
Mechanical spring Cut us - Recognized (OL) Certificate issuing authority Degree of protection IP65 With electric pilot valve and plug socket Nominal size Exhaust-air function With flow control option Sealing principle Mounting position Type of piloting Pilot actuated Pilot air supply External Iap Positive overlap Pilot pressure 2 bar8 bar Switching time off Switching time on Duty cycle Max. positive test pulse with 0 signal Max. negative test pulse with 1 signal Operating medium Note on operating and pilot medium Vibration resistance Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6 Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6	Operating pressure	
Approval c UL us - Recognized (OL) Certificate issuing authority UL MH19482 Degree of protection IP65 With electric pilot valve and plug socket Nominal size 5.7 mm Exhaust-air function With flow control option Sealing principle Soft Mounting position optional Type of piloting Pilot actuated Pilot air supply External lap Positive overlap Pilot pressure 0.2 MPa0.8 MPa 2 bar8 bar Switching time off 15 ms Switching time on 16 ms Duty cycle 100% Max. positive test pulse with 0 signal 700 µs Max. positive test pulse with 1 signal 900 µs Operating medium Compressed air to ISO 8573-1:2010 [7:4:4] Ubricated 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	Design	Piston gate valve
Certificate issuing authority Degree of protection Degree of protection of Degree of protection of Degree of Degre	Type of reset	Mechanical spring
Degree of protection IP65 With electric pilot valve and plug socket Soft With flow control option Sealing principle Soft Mounting position Type of piloting Pilot actuated Pilot air supply External Iap Positive overlap Pilot pressure 0.2 MPa0.8 MPa 2 bar8 bar Switching time off 15 ms Switching time on Duty cycle 100% Max. positive test pulse with 0 signal Max. negative test pulse with 1 signal Operating medium Compressed air to ISO 8573-1:2010 [7:4:4] 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	Approval	c UL us - Recognized (OL)
With electric pilot valve and plug socket Nominal size 5.7 mm Exhaust-air function With flow control option Sealing principle Soft Mounting position Optional Type of piloting Pilot actuated Pilot air supply External lap Positive overlap Pilot pressure 0.2 MPa0.8 MPa 2 bar8 bar Switching time off 15 ms Switching time on Duty cycle 100% Max. positive test pulse with 0 signal 700 µs Max. negative test pulse with 1 signal Operating medium Compressed air to ISO 8573-1:2010 [7:4:4] Note on operating and pilot medium Wibration resistance Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6	Certificate issuing authority	UL MH19482
Exhaust-air function Sealing principle Soft Mounting position Optional Type of piloting Pilot actuated Pilot are actuated Pilot are actuated Positive overlap Positive overlap Pilot pressure O.2 MPa0.8 MPa 2 bar8 bar Switching time off 15 ms Switching time on Duty cycle 100% Max. positive test pulse with 0 signal Max. negative test pulse with 1 signal Operating medium Note on operating and pilot medium Vibration resistance With flow control option Soft Soft Optional Pilot actuated Pilot actuated Pilot actuated Positive overlap Positive overlap O.2 MPa0.8 MPa 2 bar8 bar Switching time off 15 ms Switching time on 16 ms Duty cycle 100% Compressed air to ISO 8573-1:2010 [7:4:4] 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	Degree of protection	
Scaling principle Soft Mounting position optional Type of piloting Pilot actuated Pilot air supply External Iap Positive overlap Pilot pressure 0.2 MPa0.8 MPa 2 bar8 bar Switching time off 15 ms Switching time on 16 ms Duty cycle 100% Max. positive test pulse with 0 signal 700 μs Max. negative test pulse with 1 signal 900 μs 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	Nominal size	5.7 mm
Mounting position Optional Pilot actuated Pilot actuated External Image: Positive overlap Positive overlap Positive overlap Positive overlap Positive overlap Positive overlap 10.2 MPa0.8 MPa 2 bar8 bar Switching time off 15 ms Switching time on 16 ms Duty cycle 100% Max. positive test pulse with 0 signal Max. negative test pulse with 1 signal 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	Exhaust-air function	With flow control option
Pilot actuated External Iap Positive overlap Pilot pressure O.2 MPa0.8 MPa 2 bar8 bar Switching time off 15 ms Switching time on 16 ms Duty cycle 100% Max. positive test pulse with 0 signal Max. negative test pulse with 1 signal Operating medium Compressed air to ISO 8573-1:2010 [7:4:4] Note on operating and pilot medium Uvisation resistance Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6	Sealing principle	Soft
Pilot air supply External Positive overlap Positive overlap 0.2 MPa0.8 MPa 2 bar8 bar Switching time off 15 ms Switching time on 16 ms Duty cycle 100% Max. positive test pulse with 0 signal Max. negative test pulse with 1 signal Operating medium Compressed air to ISO 8573-1:2010 [7:4:4] Note on operating and pilot medium Uibriation resistance Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6	Mounting position	optional
Positive overlap O.2 MPa0.8 MPa 2 bar8 bar Switching time off 15 ms Switching time on 16 ms Duty cycle 100% Max. positive test pulse with 0 signal Max. negative test pulse with 1 signal Operating medium Compressed air to ISO 8573-1:2010 [7:4:4] Lubricated operation possible (in which case lubricated operation will always be required) Wibration resistance Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6	Type of piloting	Pilot actuated
Pilot pressure 0.2 MPa0.8 MPa 2 bar8 bar Switching time off 15 ms Switching time on 16 ms Duty cycle 100% Max. positive test pulse with 0 signal 700 μs Max. negative test pulse with 1 signal Operating medium Compressed air to ISO 8573-1:2010 [7:4:4] 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	Pilot air supply	External
2 bar8 bar Switching time off 15 ms Switching time on 16 ms Duty cycle 100% Max. positive test pulse with 0 signal 700 μs Max. negative test pulse with 1 signal 900 μs 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	lap	Positive overlap
Switching time on 16 ms Duty cycle 100% Max. positive test pulse with 0 signal 700 µs Max. negative test pulse with 1 signal 900 µs 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	Pilot pressure	
Duty cycle 100% Max. positive test pulse with 0 signal 700 μs Max. negative test pulse with 1 signal 900 μs Operating medium Compressed air to ISO 8573-1:2010 [7:4:4] 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	Switching time off	15 ms
Max. positive test pulse with 0 signal Max. negative test pulse with 1 signal 900 μs 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	Switching time on	16 ms
Max. negative test pulse with 1 signal 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	Duty cycle	100%
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	Max. positive test pulse with 0 signal	700 μs
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	Max. negative test pulse with 1 signal	900 µs
always be required) Vibration resistance Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6	Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
60068-2-6	Note on operating and pilot medium	
Shock resistance Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27	Vibration resistance	
	Shock resistance	Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27

Feature	Value
Corrosion resistance class CRC	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Media temperature	-5 °C60 °C
Ambient temperature	-5 °C60 °C
Product weight	140 g
Electrical connection	Via electric pilot valve
Type of mounting	On manifold rail
Pilot control interface	To ISO 15218
Note on materials	RoHS-compliant
Material seals	HNBR NBR
Material housing	Wrought aluminium alloy