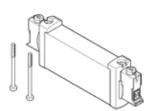
## solenoid valve VUVG-B18-T32H-MZT-F-1P3 Part number: 574448

This type is suitable for vacuum.



## **Data sheet**

Valve function         2x3/2 open/closed, monostable           Type of actuation         electrical           Valve size         18 mm           Standard nominal flow rate         770 //min           Operating pressure         -0.910 bar           Design structure         Piston silde           Type of reset         mechanical spring           Authorisation         RCM Mark           c CSA us (OU)         cUL us - Recognized (OL)           Protection class         IP60           IP65         with plug socket           Nominal size         5.7 mm           Exhaust-air function         throtitable           Sealing principle         soft           Assembly position         Any           Manual override         detenting           Pushing         Covered           Type of piloting         Piloted           Pilot air supply         external           Overlap         Positive overlap           Pilot pressure         2s Bar           Switching time off         22 ms           Switching time off         22 V SC           Switching time off         24 V OC: 1 W           Axa, positive test pulse with logic 0         700 us <t< th=""><th></th></t<>	
Valve size     18 mm       Standard nominal flow rate     770 l/min       Operating pressure     -9	
Standard nominal flow rate     770 l/min       Operating pressure     -0.910 bar       Design structure     Piston slide       Type of reset     mechanical spring       Authorisation     c CSA us (OL)       c LU us - Recognized (OL)     Protection class       IP40     IP40       IP40     IP40       Seating principle     S.7 mm       Exhaust-air function     throttleable       Seating principle     soft       Assembly position     Any       Manual override     detenting       Pupe of piloting     Piloted       Pilot air supply     external       Overtap     Positive overlap       Pilot pressure     28 bar       Switching time onf     22 ms       Switching time off     22 ms       Switching time off     200 µs       Characteristic coil data     24 V DC: 1 W       Axe negative test pubse with logic 0     700 µs       Max. nostive test pubse with logic 1     900 µs       Characteristic coil data     24 V DC: 1 W       Aye VD C: Idva     Actoradore with FI080573-1:2010 [7:4:4]       Note on operating and pilot medium     Lubricated operation possible subsequently required for further operation       Operating medium     Lubricated operation possible subsequently required for further operation<	
Operating pressure       -0.9 10 bar         Design structure       Piston slide         Type of reset       mechanical spring         Authorisation       RCM Mark         c CSA us (OL)       cl Lu s - Recognized (OL)         Protection class       IP40         Nominal size       5.7 mm         Exhaust-air function       throttleable         Sealing principle       soft         Assembly position       Any         Manual override       detenting         Pushing       Covered         Type of piloting       Piloted         Pilot air supply       external         Overlap       Positive everlap         Pilot gressure       2 8 bar         Switching time on       15 ms         Duty cycle       100 %         Max. positive test pulse with logic 1       900 µs         Characteristic coil data       24 V DC: 1W         Permissible voltage fluctuation       4/-10 %         Operating and pilot medium       Compressed air in accordance with IS08573-1:2010 [7:4:4]         Note on operating and pilot medium       Ubrizated operation possible (subsequently required for further operation)         Vibration resistance       Shock test with severity level 2 in accordance with F	
Design structure     Piston silde       Type of reset     mechanical spring       Authorisation     RCM Mark       c CSA us (OL)     c UL us - Recognized (OL)       Protection class     IP40       IP65     with plug socket       Nominal size     5.7 mm       Exhaust-air function     throttleable       Sealing principle     soft       Assembly position     Any       Manual override     detenting       Pushing     Covered       Type of piloting     Piloted       Pilot air supply     external       Overlap     Positive overlap       Pilot pressure     2 8 bar       Switching time off     22 ms       Switching time on     15 ms       Duty cycle     100 %       Max. negative test pulse with logic 1     900 µs       Characteristic coil data     24 V DC: 1 W       Ave and medium     Compressed air in accordance with IS08573-1:2010 [7:4:4]       Note on operating and pilot medium     Compressed air in accordance with FN 942017-5 r       Operating medium     Shock test with severity level 2 in accordance with FN 942017-5 r       Shock resistance     Shock test with severity level 2 in accordance with FN 942017-5 r       Gox68-2-27     Corrosion resistance	
Type of reset         mechanical spring           Authorisation         RCM Mark           c CSA us (0L)         c (Uu s - Recognized (0L)           Protection class         IP40           IP65         with plug socket           Nominal size         5.7 mm           Exhaust-air function         throttleable           Sealing principle         soft           Assembly position         Any           Manual override         detenting           Pushing         Covered           Type of piloting         Piloted           Pilot ari supply         external           Overlap         Positive overlap           Pilot pressure         2 8 bar           Switching time off         22 ms           Switching time on         15 ms           Duty cycle         100 %           Max. positive test pulse with logic 0         700 µs           Max. negative test pulse with logic 1         900 µs           Characteristic cil data         24 V DC: 1 W           Operating medium         Compressed ari na accordance with ISO8573-1:2010[7:4:4]           Note on operating and pilot medium         Lubricated operation possible (subsequently required for further operation)           Vibration resistance         Fo 0° °	
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c CSA us (01)         c UL us - Recognized (01)         Protection class       IP40         IP65       with plug socket         Nominal size       5.7 mm         Exhaust-air function       throttleable         Sealing principle       soft         Assembly position       Any         Manual override       detenting         Pushing       Covered         Type of piloting       Piloted         Pilot air supply       external         Overlap       Positive overlap         Pilot pressure       2 & Bar         Switching time off       22 ms         Switching time off       22 ms         Duty cycle       100 %         Max. negative test pulse with logic 0       700 µs         Max. negative test pulse with logic 1       900 µs         Characteristic coil data       24 V DC: 1 W         Characteristic not supple of polytication test at severity level 2 in accordance with FN 942017-4:41         Note on operating and pilot medium       Lubricated operation negosible (subsequently required for further operation)         Vibration resistance       Trapport application test at severity level 2 in accordance with FN 942017-5 i 60068-2-6         Restriction ambient and medium temperature       5-50 °C <tr< td=""><td></td></tr<>	
c UL us - Recognized (OL)           Protection class         IP40 IP65 with plug socket           Nominal size         5.7 mm           Exhaust-air function         throttleable           Sealing principle         soft           Assembly position         Any           Manual override         detenting Pushing Covered           Type of piloting         Piloted           Pilota ir supply         external           Overlap         Positive overlap           Pilot pressure         28 bar           Switching time on         15 ms           Duty cycle         100 %           Max. positive test pulse with logic 0         700 µs           Max. apative test pulse with logic 1         900 µs           Characteristic coil data         24 V DC: 1W           Ave to operating medium         Compressed air na coordance with IS08573-1:2010 [7:4:4]           Note on operating and pilot medium         Ubricated operation possible (subsequently required for further operation)           Vibration resistance         5 - 50 °C Without holding current reduction           Shock test with severity level 2 in accordance with FN 942017-5 60068-2-67         200 Moreate corrosion stress	
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Without holding current reduction         Shock resistance       Shock test with severity level 2 in accordance with FN 942017-5 a         Corrosion resistance classification CRC       2 - Moderate corrosion stress	FN
Shock resistance       Shock test with severity level 2 in accordance with FN 942017-5 a         60068-2-27       Corrosion resistance classification CRC         2 - Moderate corrosion stress	
Corrosion resistance classification CRC 2 - Moderate corrosion stress	and EN
Pilot medium Compressed air in accordance with IS08573-1:2010 [7:4:4]	

**FESTO** 

## FESTO

Feature	Value
Ambient temperature	-5 60 °C
Product weight	164 g
Electrical connection	Via electrical connection plate
Mounting type	on manifold rail
Materials note	Conforms to RoHS
Material seals	HNBR
	NBR
Material housing	Wrought Aluminium alloy