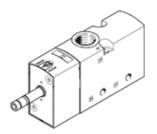
solenoid valve VUVS-L30-M32U-AZD-G38-F8 Part number: 575580





Data sheet

| Valve function 3/2 open, monostable Type of actuation electrical Valve size 31 mm Standard nominal flow rate 2,300 (/min Operating pressure -0.9 10 bar Design structure Piston silde Type of reset Alf spring Authorisation c. Ul. us Recognized (OL) Certificate issuing department DNGL TAAA0000111 Nominal size 9.4 mm Exhaust air function throttelable Scaling principle soft Assembly position Any Assembly position Any Type of piloting Piloted Plot air supply external Prow direction reversible Overlap Positive overlap Pilot pressure 2.5 10 bar by alue 0.3 C Value 9.1 (/sbar Switching time off 37 ms Switching time | Feature | Value |
|--|---|--|
| Sale | Valve function | 3/2 open, monostable |
| Standard nominal flow rate Operating pressure Operating pressure Operating pressure Piston slide Type of reset Air spring Exhaust-air function Manual override Puston slide Type of piloting Pilot air supply Plot air supply Overlap Plot air supply Distriction Divide 9, 1/5 bar Switching time off Max. positive test pulse with logic 0 Max. negative test pulse with logic 1 Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Corrosion resistance Plot air supply Divide standard operation of the severily level 2 in accordance with IFN 942017-5 and EN 6606-2: 27 Corrosion resistance Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature Plot air supply Divide standard operation on standard operation possible (subsequently required for further operation) Vibration resistance Shock resistance Shock resistance Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature Plot air in accordance with ISO8573-1:2010 [7:4:4] Mounting type Optional Max positive temperature Plot air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature Plot emdum Compressed air in accordance with ISO8573-1:2010 [7:4:4] Mounting type Optional Max positive corrosion stress Geode-2:27 Corrosion resistance classification CRC Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature Plot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Mounting type Optional Mis file of the severity level 2 in accordance with ISO8573-1:2010 [7:4:4] Mounting type Optional Mis file of the severity level 2 in accordance with ISO8573-1:2010 [7:4:4] Mounting type Optional Mis file of the severity level 2 in accordance with ISO8573-1:2010 [7:4:4] Mis file of the severity level 2 in accordance with ISO8573-1:2010 [7:4:4] Mis file of the severity level 2 in accordance with ISO8573-1:2010 [7:4:4] Mis file of the severity le | Type of actuation | electrical |
| Qperating pressure | Valve size | 31 mm |
| Design structure Type of reset Air spring Authorisation Cut Us. Recognized (OL) Certificate issuing department DNYGL-TAA000011J Nominal size PAhaust-air function University function Sealing principle Soft Any Manual override Air supply Type of piloting Piloted Plot air supply Positive overlap Pilot pressure Dvalue D | Standard nominal flow rate | 2,300 l/min |
| Type of reset Authorisation c UL us - Recognized (OL) Certificate issuing department DNVGL-TAQMODOTI) Nominal size Shaust-air function Exhaust-air function Sealing principle Soft Assembly position Any Manual override detenting Pushing Type of piloting Plot air supply External Flow direction Powerlap Positive overlap Plot pressure David Under Switching time off Switching time on Max. positive test pulse with logic O Max. negative test pulse with logic 1 Operating medium Note on operating and pilot medium Vibration resistance Shock resistance Shock resistance Shock resistance Shock resistance Shock resistance Shock resistance Soft and Shock resistance Scavenging orifice connection Non-ducted Scavenging orifice connection Non-ducted Pilot air supply External Army Switching time on Shock resistance | Operating pressure | -0.9 10 bar |
| Authorisation Certificate issuing department DNVGL-TAA000011J Nominal size 9,4 mm Exhaust-air function throttleable Sealing principle soft Assembly position Any Manual override detenting Pushing Type of piloting Piloted Plot air supply external Flow direction reversible Dvalue 0,3 Cvalue 9,11/5bar Switching time on 19 ms Max. negative test pulse with logic 0 2,000 µs Max. negative test pulse with logic 1 3,600 µs Max. negative test pulse with logic 1 3,600 µs Max. negative test pulse with logic 1 4,000 µs Max. negative flow of turther operation) Vibration resistance Shock resistance Shock resistance Shock sets with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27 Corrosion resistance classification CRC Audit Scale Shock resistance operation Mounting type Optional Operation Operation Operation Operation Operation on Shock resistance of the control of the cont | Design structure | Piston slide |
| Certificate issuing department Nominal size 9,4 mm Exhaust-air function Sealing principle Sealing principle Assembly position Any Manual override detenting Pushing Type of piloting Pilot air supply external Flow direction Positive overlap Pilot pressure 2,5 10 bar b value 9,1 lysbar Switching time on Max, positive test pulse with logic 0 2,000 µs Max, negative test pulse with logic 1 0,0erating medium Note on operating and pilot medium Vibration resistance Pilot medium Compressance Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-6 Medium temperature 10 60 °C Product weight Mounting type Pilot air supply Assembly operation Operating and pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature 10 60 °C Product weight Assembly operation Operating the operation Operating in a coordance with ISO8573-1:2010 [7:4:4] Ambient temperature 10 60 °C Product weight Assembly operation Operating operation Operating the operation Operating operation Operation Operating operation Operating operation Operation Operating operation Operation Operating operation Operation Operation Operation Operation Operation Operation Operation Operation Operatio | Type of reset | Air spring |
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| Exhaust-air function throttleable Sealing principle soft Sealing principle soft Any Manual override detenting Pushing Plioted Pushing Plioted Plioted Positive overlap Plioted Positive overlap Positive overlap Positive overlap Positive overlap Plioted Positive overlap Plioted Positive overlap Plioted Positive overlap Positive overlap Plioted Positive Overlap Positive Pos | Certificate issuing department | DNVGL-TAA000011J |
| Sealing principle Assembly position Any Manual override detenting Pushing Type of piloting Pilot air supply external Flow direction reversible Overlap Positive overlap Pliot pressure 5.5 10 bar b value 0.3 C value 9.11/sbar Switching time off Switching time on Max. negative test pulse with logic 0 Qoerating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Vibration resistance Shock resistance Shock resistance Corrosion resistance classification CRC Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating Shock resistance Corrosion resistance classification CRC 2 - Moderate corrosion stress Medium temperature 10 60 °C Product weight Mounting type Optional Optiona | Nominal size | 9.4 mm |
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| Assembly position Manual override Manual override Manual override Manual override Manual override Pushing Piloted Piloted Piloted Piloted Piloted Piloted Positive overlap Positive overlap Pilot pressure 2.5 | Sealing principle | soft |
| Manual override detenting Pushing Type of piloting Piloted Pilot air supply external Flow direction reversible Overlap Positive overlap Pilot pressure 2.5 10 bar b value 0.3 C value 9.1 l/sbar Switching time off 37 ms Switching time on 19 ms Max. positive test pulse with logic 0 2,000 μs Max. negative test pulse with logic 1 3,600 μs Operating medium Compressed air in accordance with ISO8573-1;2010 [7:4:4] Note on operating and pilot medium Lubricated operation possible (subsequently required for further operation) Vibration resistance Transport application test at severity level 2 in accordance with FN 942017-5 and EN 60068-2-6 Shock resistance Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-7 Corrosion resistance classification CRC 2 - Moderate corrosion stress Medium temperature 10 60 °C Product weight 354 g Mounting type Optional on manifold rail with through hole Scavenging orifice connection Non-ducted Pilot air port 12 | | Any |
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| Switching time on 19 ms Max. positive test pulse with logic 0 2,000 µs Max. negative test pulse with logic 1 3,600 µs Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Lubricated operation possible (subsequently required for further operation) Vibration resistance Transport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6 Shock resistance Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27 Corrosion resistance classification CRC 2 - Moderate corrosion stress Medium temperature -10 60 °C Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature -10 60 °C Product weight 354 g Mounting type Optional on manifold rail with through hole Scavenging orifice connection Non-ducted Pilot exhaust port 82 M5 Pilot air port 12 G1/8 Pneumatic connection, port 1 G3/8 | Switching time off | |
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| Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature -10 60 °C Product weight 354 g Mounting type Optional on manifold rail with through hole Scavenging orifice connection Non-ducted Pilot exhaust port 82 M5 Pilot air port 12 G1/8 Pneumatic connection, port 1 G3/8 | Corrosion resistance classification CRC | 2 - Moderate corrosion stress |
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| Mounting type Optional on manifold rail with through hole Scavenging orifice connection Non-ducted Pilot exhaust port 82 M5 Pilot air port 12 G1/8 Pneumatic connection, port 1 G3/8 | · | 354 g |
| on manifold rail with through hole Scavenging orifice connection Non-ducted Pilot exhaust port 82 M5 Pilot air port 12 G1/8 Pneumatic connection, port 1 G3/8 | | |
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| Scavenging orifice connectionNon-ductedPilot exhaust port 82M5Pilot air port 12G1/8Pneumatic connection, port 1G3/8 | | |
| Pilot exhaust port 82 M5 Pilot air port 12 G1/8 Pneumatic connection, port 1 G3/8 | Scavenging orifice connection | |
| Pilot air port 12 G1/8 Pneumatic connection, port 1 G3/8 | | |
| Pneumatic connection, port 1 G3/8 | | |
| | | |
| Preumanc connection, port 7 | Pneumatic connection, port 2 | G3/8 |



| Feature | Value |
|------------------------------|-------------------------|
| Pneumatic connection, port 3 | G3/8 |
| Materials note | Conforms to RoHS |
| Material seals | HNBR |
| | NBR |
| Material housing | Aluminium die cast |
| | Painted |
| Material Piston slide | Wrought Aluminium alloy |
| Material screws | Steel, nickel-plated |