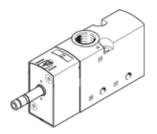
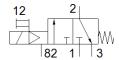
solenoid valve VUVS-L30-M32C-MD-G38-F8 Part number: 575566







Data sheet

| Valve function 3/2 closed, monostable | Feature | Value |
|--|---|--|
| Valve size 31 mm Standard nominal flow rate 2,300 l/min Operating pressure 2,5 10 bar Design structure Piston slide Type of reset mechanical spring Authorisation cll. u.s Recognized (01) Maritime classification see certificate Certificate issuing department DNVGL-TAA0000111 Nominal size 9.4 mm Exhaust-air function throttleable Sealing principle soft Assembly position Any Manual override detenting Pushing Ploted Type of piloting Piloted Plot air supply Internal Flow direction non reversible Overlap Positive overlap b value 0.3 Cvalue 9.9 l/shar Switching time of 58 ms Switching time on 16 ms Max. positive test pulse with logic 0 2,000 us Max. positive test pulse with logic 1 3,600 us Operating medium Compressed air in | Valve function | 3/2 closed, monostable |
| Standard nominal flow rate Operating pressure Design structure Piston slide Type of reset Austhorisation Saling Place of Plot of Public of Plot of Public of Plot of Public of P | Type of actuation | electrical |
| Desting pressure | Valve size | 31 mm |
| Design structure Type of reset mechanical spring Authorisation cut us- Recognized (OL) Maritime classification cut us- Recognized (OL) Maritime classification See certificate Certificate issuing department DNVGL-TAA000011J Nominal size 9.4 mm Exhaust-air function Exhaust-air function Sealing principle soft Assembly position Any Manual override detenting Pushing Type of piloting Ploted Piloted Piloted Piloted Piloted Positive overlap Dvalue 0.3 Cvalue 9.9 l/sbar Switching time off Switching time off Switching time of Max. positive test pulse with logic 0 Max. pagative test pulse with logic 1 Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Operation Vibration resistance Shock resistance Shock resistance Shock resistance Medium temperature 10 60 °C Product weight Mounting type Vibra exhausts port 82 Max Max Max negative the reservable on manifold rail with through hole Optional Scavenging orfice connection, port 1 Product weight Mounting type Internal Carlos Product weight Mounting type Operating on manifold rail with through hole Optional Compressed air in accordance with ISO8573-1:2010 [7:4:4] As good and the product of the product weight Operating product weight Operating on manifold rail with through hole Optional Cavenage on manifold rail with through hole Optional Cavenage on manifold rail with through hole Optional Cavenage on the manifold rail with through hole Optional Cavenage on the manifold rail with through nole Optional Cavenage on the manifold rail with through nole Optional Cavenage on the medium on the product on the product of the product of the product on the product of the product on the product of the produ | Standard nominal flow rate | 2,300 l/min |
| Type of reset Authorisation CUL us - Recognized (OL) Maritime classification see certificate Certificate issuing department DNYGL-TAA000011J Nominal size 9.4 mm Exhaust-air function Sealing principle Soft Any Manual override detenting Pushing Type of piloting Piloted Pilot air supply Internal Flow direction Downland Verlage | Operating pressure | 2.5 10 bar |
| Authorisation CUL us - Recognized (OL) Maritime classification see certificate Certificate issuing department DNVGL-TAA000011J Nominal size 9,4 mm Exhaust-air function throttleable Sealing principle soft Assembly position Any Manual override detenting Pushing Plioted Pliot air supply Internal Flow direction non reversible Overlap Positive overlap b value 0,3 C value 9,9 / Sbar Switching time off 58 ms Switching time off 58 ms Switching time off 58 ms Switching time on 16 ms Max. regative test pulse with logic 0 3,600 µs Max. regative 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 Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Compressed air in accordance with FN 942017-5 and EN 6008-2-27 Corrosion resistance Shock test with severity level 2 in accordance with FN 942017-5 and EN 6008-2-27 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 Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature 10 60 °C Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature 10 60 °C Pilot exhaust port 32 Ms Mounting type On manifold rail with through hole Optional Scavenging orifice connection Non-ducted Pilot exhaust port 2 G3/8 Pneumatic connection, port 2 G3/8 | Design structure | Piston slide |
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| Certificate issuing department DNVGI-TAA000011J Nominal size 9.4 mm Exhaust-air function throttleable Sealing principle soft Assembly position Any Manual override detenting Pushing Pushing Type of piloting Piloted Pliot air supply Intermal Flow direction non reversible Overlap Positive overlap by alue 0.3 C value 9.9 I/sbar Switching time off 58 ms Switching time on 16 ms Max. positive test pulse with logic 0 2,000 μs Max. regative 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 </td <td>Authorisation</td> <td>c UL us - Recognized (OL)</td> | Authorisation | c UL us - Recognized (OL) |
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| 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 on manifold rail with through hole Optional Scavenging orifice connection Non-ducted Pilot exhaust port 82 M5 Pneumatic connection, port 1 G3/8 Pneumatic connection, port 2 G3/8 | | |
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| Pneumatic connection, port 2 G3/8 | | |
| | | |
| Fremmand Connection, DUL 3 103/8 | Pneumatic connection, port 3 | G3/8 |



| Feature | Value |
|-----------------------|-------------------------|
| 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 |