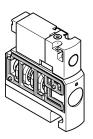
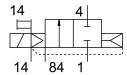
Air solenoid valve CPVSC1-M4H-D-H-Q4C Part number: 547359







Data sheet

| Actuation type Electrical Valve size 10 mm Standard nominal flow rate 150 l/min Depreting voltage 5V DC Depreting voltage 5V DC Depreting pressure -0.09 MPa0.7 MPa -0.9 bar Par Structural design Piston gate valve Reset method Pineumatic spring Certification c UL us - Recognized (OL) Degree of protection IP40 Exhaust air function Without flow control option Sealing principle Soft Mounting position Any Manual override Non-detenting Floot control Pilot-controlled Pilot air supply port External Flow direction Non-reversible Overlap Overlap Overlap Oin writching time off 10 ms Max. positive test pulse with 0 signal 500 µs Max. negative test pulse on 1 signal 400 µs Departing medium Compressed air as per ISO 8573-1:2010 [7:4:4] Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6 Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6 Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6 Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6 Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6 Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6 Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6 Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6 Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6 | Feature | Value |
|--|--|---|
| To mm Standard nominal flow rate 150 l/min Pneumatic working port QS-4 Operating yoltage Deperating pressure ODEPERATION OF MPARALLO, TAPPA ODEPERATING PRESSURE DEPERATION OF MPARALLO, TAPPA ODEPERATING PRESSURE | Valve function | 2/2, closed, monostable |
| Standard nominal flow rate Pneumatic working port QS-4 Deprating voltage Structural design Piston gate valve Reset method Pneumatic spring Period protection Preumatic spring Pr | Actuation type | Electrical |
| Preumatic working port Operating voltage SV DC Operating pressure -0.09 MPa0.7 MPa -0.9 bar7 bar Operating pressure Piston gate valve Preumatic spring Certification Cultus - Recognized (OL) Operating principle Soft Mounting position Mounting position Any Manual override Pioto control Pilot-controlled Pilot air supply port External Non-reversible Overlap Overlap Overlap Overlap Overlap Osa MPa0.7 MPa Pilot pressure Manual over off Do ms On switching time off Do ms Max. positive test pulse with 0 signal Max. negative test pulse with 0 signal Max. negative test pulse with 0 signal Max. negative test pulse with 0 signal Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Operation with severity level 2 as per FN 942017-4 and EN 60068-2-6 | Valve size | 10 mm |
| Departing voltage Departing pressure Piston gate valve Reset method Pneumatic spring Cettlication Cult us - Recognized (OL) Degree of protection IP40 Exhaust air function Without flow control option Soft Mounting position Any Manual override Non-detenting Pilot-controlled Pilot air supply port External Dow direction Non-reversible Degree of word pressure Down direction Non-reversible Degree of control Degree of protection Non-reversible Degree of protection of prot | Standard nominal flow rate | 150 l/min |
| Deparating pressure -0.09 MPa0.7 MPa -0.9 bar7 bar Piston gate valve Preumatic spring Certification -0.02 Lu us - Recognized (OL) Degree of protection -0.09 MPa0.7 MPa -0.9 bar7 bar Piston gate valve Preumatic spring Certification -0.00 Lu us - Recognized (OL) Degree of protection -0.00 Without flow control option Sealing principle -0.00 Soft -0.00 Mounting position -0.00 Manual override -0.00 Mon-detenting -0.00 Mon-detenting -0.00 Mon-detenting -0.00 Mon-reversible -0.00 Mon-reversible -0.00 MPa0.7 MPa -0.00 MPa0. | Pneumatic working port | QS-4 |
| -0.9 bar7 bar Piston gate valve Reset method Pneumatic spring Certification C UL us - Recognized (OL) Degree of protection Pl40 Exhaust air function Without flow control option Soft Mounting position Any Manual override Non-detenting Pilot-controlled Pilot air supply port External Flow direction Non-reversible Lap Overlap Pilot pressure MPa O 3 MPa0.7 MPa Pilot pressure MPa O 3 MPa0.7 MPa Pilot pressure MPa O 3 MPa0.7 MPa O westiving time off On switching time Max. positive test pulse with 0 signal Max. negative test pulse with 0 signal Aou ps Compressed air as per ISO 8573-1:2010 [7:4:4] Operating medium Operation with oil ubrication possible (required for further use) Vibration resistance Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6 | Operating voltage | 5V DC |
| Reset method Pneumatic spring Certification c UL us - Recognized (OL) Degree of protection IP40 Exhaust air function Without flow control option Sealing principle Soft Mounting position Any Manual override Non-detenting Type of control Pilot-controlled Pilot air supply port External Pilot air supply port External Pilot pressure MPa Overlap Pilot pressure MPa Pilot pressure MPa Do switching time 10 ms Max. positive test pulse with 0 signal 400 µs Max. negative test pulse on 1 signal 400 µs Coil characteristics 5 V DC: 1.0 W Coperating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Operation with severity level 2 as per FN 942017-4 and EN 60068-2-6 | Operating pressure | |
| cultus - Recognized (OL) Degree of protection Degree of protection Degree of protection Description De | Structural design | Piston gate valve |
| Degree of protection Exhaust air function Without flow control option Sealing principle Soft Mounting position Any Manual override Non-detenting Flyge of control Pilot-controlled Pilot air supply port External Flow direction Any Overlap Pilot pressure MPa Oil of pressure Switching time off On switching time Max. positive test pulse with 0 signal Max. negative test pulse on 1 signal Coil characteristics Department on operating and pilot media Vibration resistance Vibration in Supply any Vibration resistance Visitation time of the first pulse with severity level 2 as per FN 942017-4 and EN 60068-2-6 | Reset method | Pneumatic spring |
| Exhaust air function Sealing principle Soft Mounting position Manual override Vipe of control Pilot-controlled Pilot air supply port Pilot pressure MPa Pilot pressure Pilo | Certification | c UL us - Recognized (OL) |
| Sealing principle Mounting position Any Manual override Non-detenting Type of control Pilot-controlled Pilot air supply port External Non-reversible Overlap Pilot pressure MPa O.3 MPa0.7 MPa Pilot pressure 3 bar7 bar Switching time off 10 ms Max. positive test pulse with 0 signal Max. negative test pulse on 1 signal Coil characteristics Departing medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Vibration resistance Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6 | Degree of protection | IP40 |
| Mounting position Any Manual override Non-detenting Type of control Pilot-controlled Pilot air supply port External Pilot direction Non-reversible Delict pressure MPa Overlap Pilot pressure MPa Os MPa0.7 MPa Oswitching time off On switching time On switching time On switching time On switching time On supplied test pulse with 0 signal Max. negative test pulse on 1 signal Coil characteristics Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Vibration resistance Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6 | Exhaust air function | Without flow control option |
| Manual override Non-detenting Pilot-controlled Pilot air supply port External Row direction Anon-reversible Overlap Pilot pressure MPa Oos MPa0.7 MPa Pilot pressure 3 bar7 bar Switching time off 10 ms On switching time 10 ms Max. positive test pulse with 0 signal Max. negative test pulse on 1 signal Coil characteristics 5 V DC: 1.0 W Departing medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Vibration resistance Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6 | Sealing principle | Soft |
| Pilot-controlled Pilot air supply port External Flow direction Anon-reversible Dellot pressure MPa Dellot pressure MPa Dellot pressure Bowtiching time off Don switching time Don switc | Mounting position | Any |
| Pilot air supply port External Non-reversible Overlap Overlap Pilot pressure MPa O.3 MPa0.7 MPa 3 bar7 bar Switching time off On switching time 10 ms Max. positive test pulse with 0 signal Max. negative test pulse on 1 signal Coil characteristics Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Vibration resistance External Non-reversible 10 MPa 10 mS 10 mS 10 ms 500 µs 400 µs Compressed air as per ISO 8573-1:2010 [7:4:4] Operation with oil lubrication possible (required for further use) | Manual override | Non-detenting |
| Non-reversible Overlap Overlap Oilot pressure MPa Oilot pressure On switching time off On switching time On switching ti | Type of control | Pilot-controlled |
| Overlap Overlap Overlap Os MPa0.7 MPa 3 bar7 bar Switching time off 10 ms On switching time 10 ms Max. positive test pulse with 0 signal Max. negative test pulse on 1 signal Coil characteristics 5 V DC: 1.0 W Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Vibration resistance Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6 | Pilot air supply port | External |
| Dilot pressure MPa 0.3 MPa0.7 MPa 3 bar7 bar 5 witching time off 10 ms On switching time 10 ms Max. positive test pulse with 0 signal 400 μs Coil characteristics 5 V DC: 1.0 W Deparating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Wibration resistance Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6 | Flow direction | Non-reversible |
| Pilot pressure 3 bar7 bar Switching time off 10 ms On switching time 10 ms Max. positive test pulse with 0 signal 500 μs Max. negative test pulse on 1 signal 400 μs Coil characteristics 5 V DC: 1.0 W Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Operation with oil lubrication possible (required for further use) Vibration resistance Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6 | Lap | Overlap |
| Switching time off 10 ms 10 ms Max. positive test pulse with 0 signal Max. negative test pulse on 1 signal 400 μs Coil characteristics 5 V DC: 1.0 W Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Vibration resistance Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6 | Pilot pressure MPa | 0.3 MPa0.7 MPa |
| Do switching time 10 ms Max. positive test pulse with 0 signal 500 μs Max. negative test pulse on 1 signal 400 μs Coil characteristics 5 V DC: 1.0 W Departing medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Vibration resistance Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6 | Pilot pressure | 3 bar7 bar |
| Max. positive test pulse with 0 signal Max. negative test pulse on 1 signal 400 μs Coil characteristics 5 V DC: 1.0 W Deparating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Operation with oil lubrication possible (required for further use) Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6 | Switching time off | 10 ms |
| Max. negative test pulse on 1 signal 400 μs Coil characteristics 5 V DC: 1.0 W Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Vibration resistance Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6 | On switching time | 10 ms |
| Coil characteristics 5 V DC: 1.0 W Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Operation with oil lubrication possible (required for further use) Vibration resistance Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6 | Max. positive test pulse with 0 signal | 500 μs |
| Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] nformation on operating and pilot media Operation with oil lubrication possible (required for further use) Vibration resistance Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6 | Max. negative test pulse on 1 signal | 400 μs |
| nformation on operating and pilot media Operation with oil lubrication possible (required for further use) Vibration resistance Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6 | Coil characteristics | 5 V DC: 1.0 W |
| Vibration resistance Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6 | Operating medium | Compressed air as per ISO 8573-1:2010 [7:4:4] |
| EN 60068-2-6 | Information on operating and pilot media | Operation with oil lubrication possible (required for further use) |
| Shock resistance Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27 | Vibration resistance | |
| | Shock resistance | Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27 |

| Feature | Value |
|----------------------------------|--------------------------|
| Corrosion resistance class (CRC) | 1 - Low corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B2-L |
| Temperature of medium | -5 °C50 °C |
| Ambient temperature | -5 °C50 °C |
| Product weight | 30.5 g |
| Electrical connection | 2-pin Plug |
| Type of mounting | With through-hole |
| Pilot exhaust air port 82/84 | Common port |
| Pneumatic connection 1 | Common port |
| Pneumatic connection 2 | QS-4 |
| Pneumatic port 3/5 combined | Common port |
| Pneumatic connection 4 | QS-4 |
| Note on materials | RoHS-compliant |
| Seals material | NBR |
| Housing material | Die-cast aluminum |