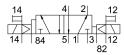
Solenoid valve CPVSC1-M1H-J-H-M5 Part number: 547292







Data sheet

Electric Valve size 10 mm Standard nominal flow rate 170 I/min Departing voltage 24V DC Operating voltage 24V DC Operating voltage 24V DC Operating pressure -0.09 MPa0.7 MPa -0.9 bar7 bar Operating function Without flow control option Sealing principle Soft Wounting position Wanual override Wanual override Wounting position Wanual override Pilot actuated Non-detenting Vipe of piloting Pilot actuated Silot air supply External Cilow direction Non-reversible Dap Positive overlap Operating time reversal Max. positive test pulse with 0 signal Max. a positive test pulse with 1 signal Abar. a partive test pulse with 1 signal Abar. a partive fest pulse with 1 signal Abar. a partive fest pulse with 1 signal Compressed air to ISO 8573-1:2010 [7:4:4] Note on operating and pilot medium Lubricated operation test with severity level 2 to FN 942017-5 and EN 60068-2-27 Corrosion resistance Shock resistance Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27 Corrosion resistance Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27 Corrosion resistance Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27 Corrosion resistance Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27 Corrosion resistance Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27 Corrosion resistance Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27 Corrosion resistance Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27 Corrosion resistance Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27 Corrosion resistance Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27 Corrosion resistance Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27 Corrosion resistance Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27 Corrosion resistance	Feature	Value
Alve size 10 mm Standard nominal flow rate 170 l/min Departing voltage 24V DC Departing pressure -0.09 MPa0.7 MPa -0.9 bar7 bar Design Piston gate valve Degree of protection Vinture of principle Soft Mounting position optional Manual override Detenting Non-detenting Non-detenting Vipe of piloting Pilot actuated Pilot actuated Vinture of Positive overlap Positive overlap San0.7 MPa -0.9 MPa0.7 MPa -0.9 MPa0.7 MPa -0.9 bar7 bar -0.9 MPa0.7 MPa -0.9 bar7 bar -0.9 MPa0.7 MPa -0.9 MPa0.0 MPa0.0 MPa0.0 MPa0.0 MPa0.	Valve function	5/2 double solenoid
Standard nominal flow rate Decrating voltage Decrating pressure Design Piston gate valve Design Design Piston gate valve Design Design Piston gate valve Design	Type of actuation	Electric
Answering port Answering port	Valve size	10 mm
Departing voltage Departing pressure Design Design Piston gate valve Degree of protection IP40 Exhaust-air function Without flow control option Sealing principle Soft Mounting position Manual override Detenting Non-detenting Rype of piloting Pilot actuated Pilot air supply External Design Applied pressure Do 3 MPa0,7 MPa 3 bar7 bar Switching time reversal Max. negative test pulse with 0 signal Max. negative test pulse with 1 signal Departing medium Compressed air to ISO 8573-1:2010 [7:4:4] Lubricated operating and pilot medium Chock resistance Shock resistance Shock resistance Shock resistance Shock resistance Shock resistance Shock resistance class CRC 1 - Low corrosion stress	Standard nominal flow rate	170 l/min
Operating pressure Operating pre	pneumatic working port	M5
Piston gate valve Degree of protection P40 Exhaust-air function Without flow control option Sealing principle Soft Mounting position Optional Manual override Detenting Non-detenting Fliot air supply External Fliot air supply External Fliot overlap Fliot pressure O.3 MPa	Operating voltage	24V DC
Degree of protection Exhaust-air function Without flow control option Sealing principle Soft Wounting position Wanual override Detenting Non-detenting Flot actuated Flot actuated Flot with group overlap Positive overlap Positive overlap Positive itest pulse with 0 signal Max. positive test pulse with 0 signal Max. negative test pulse with 1 signal Characteristic coil data Deperating medium Compressed air to ISO 8573-1:2010 [7:4:4] Lubricated operation possible (in which case lubricated operation will always be required) Flot pressure Flot or positive overlap Oomerating and pilot medium Lubricated operation possible (in which case lubricated operation will always be required) Floration resistance Flock resistance Shock resistance	Operating pressure	
Exhaust-air function Sealing principle Soft Mounting position Manual override Detenting Non-detenting Pilot actuated Pilot air supply External Powerlap Pilot pressure Pilo	Design	Piston gate valve
Sealing principle Mounting position Manual override Mounting position Detenting Non-detenting Supply External Flow direction Anon-reversible ap Positive overlap Positive overlap Positive overlap Positive test pulse with 0 signal Max. positive test pulse with 1 signal Characteristic coil data Detenting Anon-reversible 8 ms 400 μs Characteristic coil data Deperating medium Compressed air to ISO 8573-1:2010 [7:4:4] Note on operating and pilot medium Alibration resistance Fransport application test with severity level 2 to FN 942017-4 and EN 60068-2-27 Shock resistance Shock resistance Shock resistance Shock resistance class CRC 1 - Low corrosion stress	Degree of protection	IP40
Mounting position optional Manual override Detenting Non-detenting Rype of piloting Pilot actuated Pilot air supply External Plow direction Non-reversible ap Positive overlap Politot pressure 0.3 MPa0.7 MPa 3 bar7 bar Switching time reversal 8 ms Max. positive test pulse with 0 signal 500 µs Max. negative test pulse with 1 signal 400 µs Characteristic coil data 24 V DC: 1.0 W Deparating 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) Aibration resistance Shock resistance Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27 Torrosion resistance Class CRC 1-Low corrosion stress	Exhaust-air function	Without flow control option
Manual override Detenting Non-detenting Type of piloting Pilot actuated Pilot air supply External Flow direction Non-reversible ap Positive overlap Pilot pressure 0.3 MPa0.7 MPa 3 bar7 bar Switching time reversal 8 ms Max. positive test pulse with 0 signal 500 μs Max. negative test pulse with 1 signal 400 μs Characteristic coil data 24 V DC: 1.0 W 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 942017-5 and EN 60068-2-27 Corrosion resistance class CRC 1 - Low corrosion stress	Sealing principle	Soft
Non-detenting Fype of piloting Pilot actuated Pilot air supply External Flow direction Non-reversible Ap Positive overlap O.3 MPA0.7 MPA 3 bar7 bar Switching time reversal 8 ms Max. positive test pulse with 0 signal Max. negative test pulse with 1 signal Characteristic coil data Appearating 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) Fibration resistance Fransport application test with severity level 2 to FN 942017-5 and EN 60068-2-27 Forosion resistance Class CRC 1 - Low corrosion stress	Mounting position	optional
External Flow direction Ron-reversible Roy Positive overlap Roy	Manual override	
Non-reversible Positive overlap O.3 MPa0.7 MPa 3 bar7 bar Switching time reversal Max. positive test pulse with 0 signal Max. negative test pulse with 1 signal Characteristic coil data 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 942017-5 and EN 60068-2-27 Corrosion resistance Cass CRC 1 - Low corrosion stress	Type of piloting	Pilot actuated
Positive overlap O.3 MPa0.7 MPa 3 bar7 bar Switching time reversal Max. positive test pulse with 0 signal Max. negative test pulse with 1 signal Characteristic coil data Operating medium Compressed air to ISO 8573-1:2010 [7:4:4] Lubricated operation possible (in which case lubricated operation will always be required) //ibration resistance Transport application test with severity level 2 to FN 942017-5 and EN 60068-2-27 Corrosion resistance Cass CRC 1 - Low corrosion stress	Pilot air supply	External
Dilot pressure 0.3 MPa0.7 MPa 3 bar7 bar 8 ms Max. positive test pulse with 0 signal 500 μs Max. negative test pulse with 1 signal Characteristic coil data 24 V DC: 1.0 W Departing 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) //ibration resistance Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6 Shock resistance Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27 Torrosion resistance class CRC 1 - Low corrosion stress	Flow direction	Non-reversible
3 bar7 bar Switching time reversal 8 ms Max. positive test pulse with 0 signal 500 μs Max. negative test pulse with 1 signal 400 μs Characteristic coil data 24 V DC: 1.0 W 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) //ibration resistance Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6 Shock resistance Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27 Corrosion resistance class CRC 1 - Low corrosion stress	lap	Positive overlap
Max. positive test pulse with 0 signal Max. negative test pulse with 1 signal Characteristic coil data 24 V DC: 1.0 W 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 Shock resistance Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27 Corrosion resistance class CRC 1 - Low corrosion stress	Pilot pressure	
Max. negative test pulse with 1 signal 400 μs Characteristic coil data 24 V DC: 1.0 W Compressed air to ISO 8573-1:2010 [7:4:4] Lubricated operation possible (in which case lubricated operation will always be required) //ibration resistance Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6 Shock resistance Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27 Corrosion resistance class CRC 1 - Low corrosion stress	Switching time reversal	8 ms
Characteristic coil data 24 V DC: 1.0 W Deperating 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) //ibration resistance Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6 Shock resistance Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27 Torrosion resistance class CRC 1 - Low corrosion stress	Max. positive test pulse with 0 signal	500 μs
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) //ibration resistance Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6 Shock resistance Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27 Corrosion resistance class CRC 1 - Low corrosion stress	Max. negative test pulse with 1 signal	400 µs
Lubricated operation possible (in which case lubricated operation will always be required) //ibration resistance Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6 Shock resistance Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27 Corrosion resistance class CRC 1 - Low corrosion stress	Characteristic coil data	24 V DC: 1.0 W
always be required) //ibration resistance Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6 Shock resistance Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27 Corrosion resistance class CRC 1 - Low corrosion stress	Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
60068-2-6 Shock resistance Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27 Corrosion resistance class CRC 1 - Low corrosion stress	Note on operating and pilot medium	
Corrosion resistance class CRC 1 - Low corrosion stress	Vibration resistance	
	Shock resistance	Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27
ABS (PWIS) conformity VDMA24364-B2-L	Corrosion resistance class CRC	1 - Low corrosion stress
	LABS (PWIS) conformity	VDMA24364-B2-L

Feature	Value
Media temperature	-5 ℃50 ℃
Ambient temperature	-5 °C50 °C
Product weight	56.5 g
Electrical connection	2-pin Plugs
Type of mounting	With through-hole
Pilot exhaust port 82/84	Common line
Pneumatic connection, port 1	Common line
Pneumatic connection, port 2	M5
Pneumatic connection 3/5 combined	Common line
Pneumatic connection, port 4	M5
Note on materials	RoHS-compliant
Material seals	NBR
Material housing	Die-cast aluminium