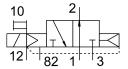
Solenoid valve CPVSC1-M1H-N-T-M50

Part number: 547275







Data sheet

always be required)	Feature	Value
Valve size 10 mm Standard nominal flow rate pneumatic working port M5 Operating voltage 24V DC Operating pressure -0.09 MPa0.7 MPa -0.9 bar7 bar Design Piston gate valve Pneumatic spring Degree of protection IP40 Exhaust-air function Without flow control option Sealing principle Soft Mounting position Manual override Detenting Type of piloting Pilot air supply External Flow direction Non-reersible lap Positive overlap Pilot pressure 0.3 MPa0.7 MPa 3 bar7 bar Switching time off 10 ms Switching time on 10 ms Max. positive test pulse with 0 signal Max. negative test pulse with 1 signal Characteristic coil data 24 V DC: 1.0 W Compressed in which case lubricated operation walways be required) Nor equation of the compressed into ISO 8573-1:2010 [7:4:4] Lubricated operation possible (in which case lubricated operation walways be required)	Valve function	3/2 open, single solenoid
Standard nominal flow rate pneumatic working port Operating voltage 24V DC Operating pressure -0.09 MPa0.7 MPa -0.9 bar7 bar Design Piston gate valve Type of reset Degree of protection Exhaust-air function Sealing principle Mounting position Manual override Pilot air supply External Flow direction Iap Positive overlap Pilot pressure 0.3 MPa0.7 MPa 3 bar7 bar Switching time off 10 ms Max. positive test pulse with 0 signal Max. negative test pulse with 1 signal Compressed air to ISO 8573-1:2010 [7:4:4] Lubricated operation possible (in which case lubricated operation w always be required)	Type of actuation	Electric
pneumatic working port M5 Operating voltage 24V DC Operating pressure -0.09 MPa0.7 MPa -0.9 bar7 bar Design Piston gate valve Type of reset Pneumatic spring Degree of protection IP40 Exhaust-air function Without flow control option Sealing principle Soft Mounting position optional Manual override Detenting Non-detenting Type of piloting Pilot actuated Pilot air supply External Flow direction Non-reversible lap Positive overlap Pilot pressure 0.3 MPa7 MPa 3 bar7 bar Switching time off 10 ms Switching time on 10 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 Lubricated operation possible (in which case lubricated operation was always be required)	Valve size	10 mm
Operating voltage 24V DC Operating pressure -0.09 MPa0.7 MPa -0.9 bar7 bar Piston gate valve Type of reset Pneumatic spring Degree of protection Exhaust-air function Sealing principle Soft Mounting position Manual override Detenting Non-detenting Type of piloting Pilot actuated Pilot air supply External Flow direction Non-reversible lap Positive overlap Pilot pressure 0.3 MPa0.7 MPa 3 bar7 bar Switching time off 10 ms Switching time off Max. negative test pulse with 0 signal Max. negative test pulse with 1 signal Characteristic coil data 24 V DC: 1.0 W Operating and pilot medium Lubricated operation possible (in which case lubricated operation walways be required)	Standard nominal flow rate	170 l/min
Operating pressure -0.09 MPa0.7 MPa -0.9 bar7 bar Piston gate valve Type of reset Pneumatic spring Degree of protection Exhaust-air function Sealing principle Soft Mounting position Optional Manual override Detenting Non-detenting Type of piloting Pilot actuated Pilot ari supply External Flow direction Non-reversible lap Positive overlap Pilot pressure 0.3 MPa0.7 MPa 3 bar7 bar Switching time off 10 ms Switching time off 10 ms Max. negative test pulse with 0 signal Max. negative test pulse with 1 signal Characteristic coil data 24 V DC: 1.0 W Operating medium Note on operating and pilot medium Lubricated operation possible (in which case lubricated operation walways be required)	pneumatic working port	M5
O.9 bar7 bar	Operating voltage	24V DC
Type of reset Degree of protection Exhaust-air function Without flow control option Sealing principle Soft Mounting position Manual override Detenting Non-detenting Type of piloting Pilot actuated Pilot air supply External Flow direction Iap Positive overlap Pilot pressure 3 abar7 bar Switching time off Switching time on Max. positive test pulse with 0 signal Max. negative test pulse with 1 signal Characteristic coil data Operating medium Note on operating and pilot medium Pilot individual in the form of the fore	Operating pressure	
Degree of protection Exhaust-air function Sealing principle Mounting position Manual override Detenting Non-detenting Type of piloting Pilot actuated Pilot air supply Flow direction Iap Positive overlap Pilot pressure O.3 MPaO.7 MPa 3 bar7 bar Switching time off Switching time on 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 Without flow control option Without flow control option Soft Without flow control option Soft Without flow control option Soft Without flow control option September Soft April Age Soft Without flow control option Soft Soft Mon-reversible Lubricated operation possible (in which case lubricated operation washways be required)	Design	Piston gate valve
Exhaust-air function Sealing principle Soft Mounting position Manual override Detenting Non-detenting Type of piloting Pilot actuated Pilot actuated Pilot direction Iap Positive overlap Pilot pressure O.3 MPa0.7 MPa 3 bar7 bar Switching time off 10 ms Switching time on 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 Without flow control option Soft Without flow control option Soft Non-teversible External Positive overlap O.3 MPa0.7 MPa 3 bar7 bar Switching time off 10 ms Max. positive test pulse with 0 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 walways be required)	Type of reset	Pneumatic spring
Sealing principle Mounting position Mounting position Detenting Non-detenting Non-detenting Pilot actuated Pilot air supply External Flow direction Non-reversible lap Positive overlap Pilot pressure O.3 MPaO.7 MPa 3 bar7 bar Switching time off 10 ms Switching time on 10 ms Max. positive test pulse with 0 signal Max. negative test pulse with 1 signal 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 walways be required)	Degree of protection	IP40
Mounting position optional Manual override Detenting Non-detenting Type of piloting Pilot actuated Pilot air supply External Flow direction Non-reversible lap Positive overlap Pilot pressure 0.3 MPa0.7 MPa 3 bar7 bar Switching time off 10 ms Switching time on 10 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 walways be required)	Exhaust-air function	Without flow control option
Manual overrideDetenting Non-detentingType of pilotingPilot actuatedPilot air supplyExternalFlow directionNon-reversiblelapPositive overlapPilot pressure0.3 MPa0.7 MPa 3 bar7 barSwitching time off10 msSwitching time on10 msMax. positive test pulse with 0 signal500 μsMax. negative test pulse with 1 signal400 μsCharacteristic coil data24 V DC: 1.0 WOperating mediumCompressed air to ISO 8573-1:2010 [7:4:4]Note on operating and pilot mediumLubricated operation possible (in which case lubricated operation walways be required)	Sealing principle	Soft
Non-detenting Type of piloting Pilot actuated Pilot air supply External Flow direction Non-reversible lap Positive overlap Pilot pressure 0.3 MPa0.7 MPa 3 bar7 bar Switching time off 10 ms Switching time on 10 ms Max. positive test pulse with 0 signal Max. negative test pulse with 1 signal 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 walways be required)	Mounting position	optional
Pilot air supply External Flow direction Non-reversible lap Positive overlap Pilot pressure 0.3 MPa0.7 MPa 3 bar7 bar Switching time off 10 ms Switching time on 10 ms Max. positive test pulse with 0 signal Max. negative test pulse with 1 signal Characteristic coil data Question 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 walways be required)	Manual override	
Flow direction Non-reversible Iap Positive overlap Pilot pressure 0.3 MPa0.7 MPa 3 bar7 bar Switching time off 10 ms Switching time on 10 ms Max. positive test pulse with 0 signal Max. negative test pulse with 1 signal 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 wallways be required)	Type of piloting	Pilot actuated
lap Positive overlap Pilot pressure 0.3 MPa0.7 MPa 3 bar7 bar Switching time off 10 ms Switching time on 10 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 was always be required)	Pilot air supply	External
Pilot pressure 0.3 MPa0.7 MPa 3 bar7 bar Switching time off 10 ms Switching time on 10 ms Max. positive test pulse with 0 signal Max. negative test pulse with 1 signal 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 walways be required)	Flow direction	Non-reversible
Switching time off 10 ms Switching time on 10 ms Max. positive test pulse with 0 signal Max. negative test pulse with 1 signal 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 walways be required)	lap	Positive overlap
Switching time on 10 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 was always be required)	Pilot pressure	_ ·
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 was always be required)	Switching time off	10 ms
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 was always be required)	Switching time on	10 ms
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 w always be required)	Max. positive test pulse with 0 signal	500 μs
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 w always be required)	Max. negative test pulse with 1 signal	400 μs
Note on operating and pilot medium Lubricated operation possible (in which case lubricated operation w always be required)	Characteristic coil data	24 V DC: 1.0 W
always be required)	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 942017-4 and E 60068-2-6	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	Shock resistance	Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27

Feature	Value
Corrosion resistance class CRC	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
Media temperature	-5 °C50 °C
Ambient temperature	-5 °C50 °C
Product weight	30.5 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