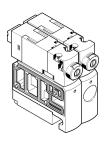
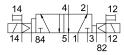
Solenoid valve CPVSC1-M1LH-J-H-Q4 Part number: 547333







Data sheet

Electric Valve size 10 mm Standard nominal flow rate 170 I/min oneumatic working port QS-4 Operating voltage 24V DC Operating yoltage 24V DC Operating pressure -0.09 MPa0.7 MPa -0.9 bar7 bar Operating function 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 IVpe of piloting Pilot actuated Pilot air supply External Flow direction Non-reversible Bap Positive overlap Signal status display LED Pilot pressure 0.3 MPa0.7 MPa 3 bar7 bar Switching time reversal Switching time reversal Switching time reversal Characteristic coil data 24 V DC: 1.0 W Operating medium Compressed air to ISO 8573-1:2010 [7:4:4] Vibration resistance Transport application test with severity level 2 to FN 942017-5 and EN 60068-2-27 Corrosion resistance LABS (PWIS) conformity VDMA24364-B2-L	Feature	Value
Valve size 10 mm Standard nominal flow rate 170 l/min Operating voltage 24V DC Operating pressure 0.09 MPa0.7 MPa -0.9 bar7 bar Design Piston gate valve Description Without flow control option Exhaust-air function Without flow control option Sealing principle Soft Mounting position optional Manual override Detenting Non-detenting Pilot actuated Pilot air supply External Flow direction Non-reversible Jap Positive overlap Eignal status display LED Switching time reversal 8 ms Characteristic coil data 24 V DC: 1.0 W Deperating medium Compress 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 test with severity level 2 to FN 942017-5 and EN 60068-2-27 Corrosion resistance Class CRC LABS (PWIS) conformity VDMA24364-B2-L	Valve function	5/2 double solenoid
Standard nominal flow rate Decrating voltage Deprating pressure Design Piston gate valve Degree of protection Exhaust-air function Sealing principle Mounting position Manual override Definiting Pilot air supply External Flow direction Non-reversible Dap Positive overlap Signal status display LED Signal status display LED Switching time reversal Switching time reversal Characteristic coil data Deprating medium Note on operating and pilot medium Lubricated operation possible (in which case lubricated operation will always be requireed) Violation resistance Transport application test with severity level 2 to FN 942017-5 and EN 60068-2-27 Corrosion resistance LABS (PWIS) conformity VDMA24364-B2-L	Type of actuation	Electric
Operating voltage 24V DC Operating pressure Operating medium Operating medium Operating medium Operating and pilot medium Operating and pilot medium Operating resistance Operat	Valve size	10 mm
Deparating voltage Deparating pressure Design Design Piston gate valve Degree of protection IP40 Exhaust-air function Without flow control option Sealing principle Soft Mounting position Manual override Delicating Pilot air supply External Flow direction Anniversible Appliot pressure 0,3 MPa0,7 MPa 3 bar7 bar 8 ms Scharacteristic coil data Deparating medium Deparating and pilot medium Lubricated operation possible (in which case lubricated poseason resistance Shock resistance Corrosion resistance LABS (PWIS) conformity VDMA24364-B2-L Piston gate valve Piston gate valve Deparating pressure Design and the provided possible (in which case lubricated poseason resistance class CRC 1 - Low corrosion stress VDMA24364-B2-L	Standard nominal flow rate	170 l/min
Operating pressure -0.09 MPa0.7 MPa -0.9 bar7 bar Piston gate valve Degree of protection Exhaust-air function Without flow control option Sealing principle Soft Mounting position Manual override Detenting Non-detenting Flow direction Non-reversible ap Positive overlap Signal status display LED Pilot pressure 0.3 MPa0.7 MPa 3 bar7 bar Switching time reversal Switching time reversal 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) Wibration resistance 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 VDMA24364-B2-L	pneumatic working port	QS-4
Piston gate valve Degree of protection	Operating voltage	24V DC
Degree of protection IP40 Exhaust-air function Without flow control option Sealing principle Soft Mounting position optional Manual override Detenting Mon-detenting Type of piloting Pilot actuated Pilot actuated Pilot actuated Pilot actuated External Flow direction Non-reversible Isap Positive overlap Signal status display LED Pilot pressure 0.3 MPa0.7 MPa 3 bar7 bar Switching time reversal 8 ms 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) Vibration resistance Shock resistance Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27 Corrosion resistance LABS (PWIS) conformity VDMA24364-B2-L	Operating pressure	
Exhaust-air function Sealing principle Soft Mounting position Manual override Detenting Non-detenting Pilot actuated Flow direction Non-reversible Jap Signal status display Pilot pressure O.3 MPaO.7 MPa 3 bar7 bar Switching time reversal B ms Characteristic coil data Departing medium Compressed air to ISO 8573-1:2010 [7:4:4] Note on operating and pilot medium Vibration resistance Shock resistance Shock resistance Shock resistance Shock resistance LABS (PWIS) conformity VDMA24364-B2-L VIDMA24364-B2-L VIDMA24364-B2-L	Design	Piston gate valve
Sealing principle Mounting position Mounting position Mounting position Detenting Non-detenting Pilot actuated Pilot air supply External Flow direction Non-reversible Jap Positive overlap Signal status display LED Pilot pressure Japa7 MPa 3 bar7 bar Switching time reversal Characteristic coil data 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) Vibration resistance Transport application 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 LABS (PWIS) conformity VDMA24364-B2-L	Degree of protection	IP40
Mounting position optional Detenting Non-detenting Type of piloting Pilot actuated Pilot air supply External Flow direction Non-reversible Jap Positive overlap Signal status display LED Pilot pressure O.3 MPa0.7 MPa 3 bar7 bar Switching time reversal 8 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 will always be required) Vibration resistance 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 LABS (PWIS) conformity VDMA24364-B2-L	Exhaust-air function	Without flow control option
Manual override Detenting Non-detenting Pilot actuated Pilot air supply External Flow direction Non-reversible Jap Positive overlap ELED Positive overlap ELED Pilot pressure O.3 MPa0.7 MPa 3 bar7 bar Switching time reversal 8 ms 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) Vibration resistance Transport application test with severity level 2 to FN 942017-5 and EN 60068-2-27 Corrosion resistance Shock resistance LABS (PWIS) conformity VDMA24364-B2-L	Sealing principle	Soft
Non-detenting Type of piloting Pilot actuated Pilot air supply External Flow direction Non-reversible Iap Positive overlap LED Pilot pressure O.3 MPa0.7 MPa 3 bar7 bar Switching time reversal 8 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 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 resistance Corrosion resistance class CRC 1 - Low corrosion stress LABS (PWIS) conformity VDMA24364-B2-L	Mounting position	optional
Flow direction Non-reversible Positive overlap Signal status display Pilot pressure O.3 MPa0.7 MPa 3 bar7 bar Switching time reversal Share teristic coil data Characteristic coil data Characteristic coil data Cheracteristic and pilot 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 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 LABS (PWIS) conformity VDMA24364-B2-L	Manual override	
Non-reversible Positive overlap Positive overlap LED Pilot pressure O.3 MPa0.7 MPa 3 bar7 bar Switching time reversal Switching time reversal 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) 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 60068-2-7 Corrosion resistance class CRC 1 - Low corrosion stress LABS (PWIS) conformity VDMA24364-B2-L	Type of piloting	Pilot actuated
Positive overlap LED Pilot pressure 0.3 MPa0.7 MPa 3 bar7 bar Switching time reversal 8 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 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 VDMA24364-B2-L	Pilot air supply	External
EED Pilot pressure 0.3 MPa0.7 MPa 3 bar7 bar Switching time reversal 8 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 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 LABS (PWIS) conformity VDMA24364-B2-L	Flow direction	Non-reversible
Pilot pressure 0.3 MPa0.7 MPa 3 bar7 bar Switching time reversal 8 ms Characteristic coil data 24 V DC: 1.0 W Operating medium Compressed air to ISO 8573-1:2010 [7:4:4] 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 LABS (PWIS) conformity VDMA24364-B2-L	lap	Positive overlap
3 bar7 bar Switching time reversal 8 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 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 LABS (PWIS) conformity VDMA24364-B2-L	Signal status display	LED
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 942017-4 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 LABS (PWIS) conformity VDMA24364-B2-L	Pilot pressure	
Operating medium Compressed air to ISO 8573-1:2010 [7:4:4] 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 LABS (PWIS) conformity VDMA24364-B2-L	Switching time reversal	8 ms
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 VDMA24364-B2-L	Characteristic coil data	24 V DC: 1.0 W
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 1 - Low corrosion stress LABS (PWIS) conformity VDMA24364-B2-L	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 LABS (PWIS) conformity VDMA24364-B2-L	Note on operating and pilot medium	
Corrosion resistance class CRC 1 - Low corrosion stress LABS (PWIS) conformity VDMA24364-B2-L	Vibration resistance	
LABS (PWIS) conformity VDMA24364-B2-L	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
Media temperature −5 °C50 °C	LABS (PWIS) conformity	VDMA24364-B2-L
	Media temperature	-5 °C50 °C

Feature	Value
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	QS-4
Pneumatic connection 3/5 combined	Common line
Pneumatic connection, port 4	QS-4
Note on materials	RoHS-compliant
Material seals	NBR
Material housing	Die-cast aluminium