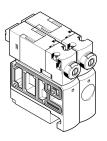
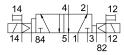
## Air solenoid valve CPVSC1-M1LH-J-H-M5 Part number: 547323







## **Data sheet**

Actuation type  Electrical  Valve size  10 mm  Standard nominal flow rate  170 l/min  Preumatic working port  Deperating voltage  24V DC  Operating pressure  -0.99 MPa0.7 MPa -0.9 bar7 bar  Structural design  Piston gate valve  Degree of protection  Without flow control option  Sealing principle  Soft  Mounting position  Any  Manual override  Pilot-controlled  Pilot-controlled  Pilot air supply port  External  Flow direction  Non-reversible  LED  Pilot pressure MPa  0.3 MPa0.7 MPa  0.3 MPa0.7 MPa  0.3 MPa0.7 MPa  10 Jag.  Signal status display  LED  Pilot pressure MPa  0.3 MPa0.7 MPa  3 bar7 bar  Structural design  Operating medium  Compressed air as per ISO 8573-1:2010 [7:4:4]  Operating medium  Compressed air as per ISO 8573-1:2010 [7:4:4]  Operation resistance  Transport application test with severity level 2 as per FN 942017-5 and EN 60068-2-2  Corrosion resistance  Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-2  Corrosion resistance  Corrosion resistance class (CRC)  1 - Low corrosion stress	Feature	Value
Valve size  10 mm  Standard nominal flow rate  170 I/min  Pneumatic working port  M5  Operating yoltage  24V DC  Operating pressure  -0.09 MPa0.7 MPa -0.9 bar7 bar  Structural design  Piston gate valve  Degree of protection  IP40  Exhaust air function  Swithout flow control option  Sealing principle  Soft  Mounting position  Any  Manual override  Detenting  Non-detenting  Itype of control  Pilot air supply port  External  Flow direction  Non-reversible  Lap  Overlap  Signal status display  LED  Pilot pressure MPa  0.3 MPa0.7 MPa  3 bar7 bar  Coil characteristics  24 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 942017-5 and EN 60068-2-2  Corrosion resistance  Shock resistance  Shock resistance  Corrosion resistance class (CRC)  1 - Low corrosion stress  VDMA24364-B2-L	Valve function	5/2, bistable
Standard nominal flow rate Pneumatic working port M5 Deparating voltage 24V DC Operating pressure -0.09 MPa0.7 MPa -0.9 bar7 bar Structural design Piston gate valve Degree of protection IP40 Exhaust air function Without flow control option Sealing principle Soft Mounting position Any Manual override Detenting Non-detenting Iype of control Pilot controlled Pilot controlled Pilot eries using the subject of the subject	Actuation type	Electrical
Preumatic working port Departing voltage 24V DC Operating pressure Ope	Valve size	10 mm
Operating voltage Operating pressure Operating protection IPAO Exhaust air function Without flow control option Operating position Operating position Operating pressure Operating Operating medium Operating medium Operating medium Operating medium Operating nest with severity level 2 as per FN 942017-5 and EN 60068-2-2. Operating resistance O	Standard nominal flow rate	170 l/min
Operating pressure Operating protection Operating protection Operating position Operating	Pneumatic working port	M5
O.9 bar7 bar  Structural design Piston gate valve Degree of protection PAO  Without flow control option Sealing principle Mounting position Any Manual override Detenting Non-detenting Pilot-controlled Pilot supply port External Flow direction Non-reversible Lap Signal status display LED Pilot pressure MPa O.3 MPa0.7 MPa Pilot pressure Abar7 bar Changeover time B ms Coil characteristics 24 V DC: 1.0 W Departing medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Operation resistance Shock resistance Shock resistance Shock resistance Corrosion resistance class (CRC)  LABS (PWIS) conformity VDMA24364-B2-L	Operating voltage	24V DC
Degree of protection IP40  Exhaust air function Without flow control option  Sealing principle Soft  Mounting position Any  Manual override Detenting Non-detenting  Ifype of control Pilot-controlled  Pilot-controlled  Pilot-controlled  Pilot-controlled  Pilot-controlled  Pilot supply port External  Flow direction Non-reversible  Lap Overlap  Signal status display LED  Pilot pressure MPa 0.3 MPa0.7 MPa  Pilot pressure MPa 0.3 MPa0.7 MPa  Pilot pressure MPa 8 ms  Conjudent Source Sou	Operating pressure	
Exhaust air function Sealing principle Soft Mounting position Manual override Mounting position Manual override Detenting Non-detenting Pilot-controlled Pilot air supply port External Flow direction Non-reversible Lap Overlap Signal status display LED Pilot pressure MPa O.3 MPa0.7 MPa Pilot pressure Abar7 bar Changeover time Soil characteristics Coll characteristics 24 V DC: 1.0 W Deperating medium Operating medium Operating medium Operating seal air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Vibration resistance Fine 60068-2-6 Shock resistance Shock resistance Shock resistance Corrosion resistance Shock resistance Shock sesistance COMMAN Any Detenting with severity level 2 as per FN 942017-5 and EN 60068-2-2 Corrosion resistance Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-2 Corrosion resistance Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-2 Corrosion resistance Shock resistance Shock provided the several position of the several position possible (required for further use) Transport application test with severity level 2 as per FN 942017-5 and EN 60068-2-2 Corrosion resistance Class (CRC) 1 - Low corrosion stress LABS (PWIS) conformity VDMA24364-B2-L	Structural design	Piston gate valve
Sealing principle  Mounting position  Any  Manual override  Detenting Non-detenting  Type of control  Pilot-controlled  Pilot air supply port  External  Flow direction  Non-reversible  Lap  Overlap  Signal status display  LED  Pilot pressure MPa  O.3 MPa0.7 MPa  Pilot pressure  3 bar7 bar  Changeover time  8 ms  Coil characteristics  24 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 60068-2-26  Shock resistance  Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-26  Corrosion resistance class (CRC)  1 - Low corrosion stress  VDMA24364-B2-L	Degree of protection	IP40
Mounting position  Any  Manual override  Detenting Non-detenting Type of control  Pilot-controlled  Pilot air supply port  External  Flow direction  Non-reversible  Lap  Overlap  Signal status display  LED  Pilot pressure MPa  O.3 MPaO,7 MPa  3 bar7 bar  Changeover time  8 ms  Coil characteristics  24 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  Shock resistance  Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-2  Corrosion resistance class (CRC)  1 - Low corrosion stress  VDMA24364-B2-L	Exhaust air function	Without flow control option
Manual override  Detenting Non-detenting  Type of control  Pilot-controlled  Pilot air supply port  External  Non-reversible  Lap  Overlap  Signal status display  Pilot pressure MPa  O.3 MPa0.7 MPa  3 bar7 bar  Changeover time  8 ms  Coil characteristics  24 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 942017-5 and EN 60068-2-2:  Corrosion resistance class (CRC)  1 - Low corrosion stress  LABS (PWIS) conformity  VDMA24364-B2-L	Sealing principle	Soft
Non-detenting  Type of control Pilot-controlled Pilot air supply port External Flow direction Non-reversible Lap Overlap Signal status display LED Pilot pressure MPa O.3 MPa0.7 MPa 3 bar7 bar Changeover time 8 ms Coil characteristics 24 V DC: 1.0 W Deparating 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 942017-5 and EN 60068-2-2 Corrosion resistance Shock resistance Call Characteristics Shock resistance Shock resistance Shock resistance Shock resistance Corrosion resistance Corrosion resistance VDMA24364-B2-L	Mounting position	Any
Pilot air supply port  External  Non-reversible  Overlap  Signal status display  LED  Pilot pressure MPa  O.3 MPa0.7 MPa  3 bar7 bar  Changeover time  8 ms  Coil characteristics  24 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  Fransport application test with severity level 2 as per FN 942017-5 and EN 60068-2-2:  Corrosion resistance Class (CRC)  1 - Low corrosion stress  LABS (PWIS) conformity  VDMA24364-B2-L	Manual override	
Non-reversible  Overlap  LED  Pilot pressure MPa  O.3 MPa0.7 MPa  Pilot pressure  3 bar7 bar  Changeover time  Coil characteristics  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  Shock resistance  Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-2:  1 - Low corrosion stress  LABS (PWIS) conformity  VDMA24364-B2-L	Type of control	Pilot-controlled
Overlap  LED  Pilot pressure MPa  O.3 MPa0.7 MPa  3 bar7 bar  Changeover time  Solic 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  Shock resistance  Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-2  Corrosion resistance class (CRC)  1 - Low corrosion stress  LABS (PWIS) conformity  VDMA24364-B2-L	Pilot air supply port	External
Eignal status display  LED  Pilot pressure MPa  0.3 MPa0.7 MPa  3 bar7 bar  Changeover time  8 ms  Coil characteristics  24 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  Shock resistance  Corrosion resistance class (CRC)  1 - Low corrosion stress  LABS (PWIS) conformity  VDMA24364-B2-L	Flow direction	Non-reversible
Pilot pressure MPa  0.3 MPa0.7 MPa  3 bar7 bar  Changeover time  8 ms  Coil characteristics  24 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  Shock resistance  Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-2:  Corrosion resistance class (CRC)  1 - Low corrosion stress  LABS (PWIS) conformity  VDMA24364-B2-L	Lap	Overlap
Pilot pressure  3 bar7 bar  Changeover time  8 ms  Coil characteristics  24 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  Shock resistance  Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-2:  Corrosion resistance class (CRC)  1 - Low corrosion stress  LABS (PWIS) conformity  VDMA24364-B2-L	Signal status display	LED
Changeover time  8 ms  Coil characteristics  24 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  Shock resistance  Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-2:  Corrosion resistance class (CRC)  1 - Low corrosion stress  LABS (PWIS) conformity  VDMA24364-B2-L	Pilot pressure MPa	0.3 MPa0.7 MPa
Coil characteristics  24 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  Shock resistance  Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-2:  Corrosion resistance class (CRC)  1 - Low corrosion stress  VDMA24364-B2-L	Pilot pressure	3 bar7 bar
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  Shock resistance  Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-2:  Corrosion resistance class (CRC)  1 - Low corrosion stress  VDMA24364-B2-L	Changeover time	8 ms
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  Shock resistance  Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-2:  Corrosion resistance class (CRC)  1 - Low corrosion stress  VDMA24364-B2-L	Coil characteristics	24 V DC: 1.0 W
Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6  Shock resistance  Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-2:  Corrosion resistance class (CRC)  1 - Low corrosion stress  VDMA24364-B2-L	Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
EN 60068-2-6 Shock resistance Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-2 Corrosion resistance class (CRC) 1 - Low corrosion stress  VDMA24364-B2-L	Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Corrosion resistance class (CRC) 1 - Low corrosion stress  LABS (PWIS) conformity VDMA24364-B2-L	Vibration resistance	Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6
LABS (PWIS) conformity VDMA24364-B2-L	Shock resistance	Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27
· · · · · ·	Corrosion resistance class (CRC)	1 - Low corrosion stress
Temperature of medium -5 °C50 °C	LABS (PWIS) conformity	VDMA24364-B2-L
	Temperature of medium	-5 °C50 °C

Feature	Value
Ambient temperature	-5 °C50 °C
Product weight	56.5 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	M5
Pneumatic port 3/5 combined	Common port
Pneumatic connection 4	M5
Note on materials	RoHS-compliant
Seals material	NBR
Housing material	Die-cast aluminum