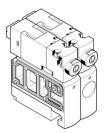
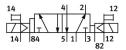
Air solenoid valve CPVSC1-M1LH-J-H-Q3 Part number: 547328



Data sheet

Actuation type Electrical Valve size 10 mm Standard nominal flow rate 170 l/min Pneumatic working port QS-3 Operating voltage 24V DC Operating pressure -0.9 MPa0.7 MPa -0.9 bar7 bar -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 Non-detenting Type of control Pilot-controlled Pilot resurve 3 bar7 bar Signal status display LED Pilot pressure MPa 0.3 MPa0.7 MPa Pilot pressure 3 bar7 bar Coll characteristics 24 V DC: 10 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 fequired for further use) Vibration resistance Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27 Corrosion stestsance <th>Feature</th> <th>Value</th>	Feature	Value
Valve size 10 mm Standard nominal flow rate 170 l/min Pneumatic working port QS-3 Operating voltage 24V DC Operating voltage 24V DC Operating pressure -0.09 MPa0.7 MPa -0.9 bar7 bar 5tructural design Degree of protection IP40 Exhaust air function Without flow control option Sealing principle Soft Mounting position Any Manual override Detenting Non-detenting Non-detenting Pilot-controlled Pilot-controlled Pilot air supply port External Flow direction Non-reversible Lap Overlap Signal status display ED Pilot pressure 3 bar7 bar Changeover time 8 ms Coil characteristics 24 V DC. Operating medium Operation with dil lubrication possible (required for further use) Vibation resistance Transport application test with severity level 2 as per FN 942017-5 and EN 60068-2-27 Corrosion resistance class (CRC) 1 - Low corrosion stress <td< td=""><td>Valve function</td><td>5/2, bistable</td></td<>	Valve function	5/2, bistable
Standard nominal flow rate 170 l/min Pneumatic working port QS-3 Operating voltage 24V DC Operating pressure -0.09 Ma0.7 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 Pilot air supply port External Flow direction Non-reversible Lap Overlap Signal status display LED Pilot pressure MPa 0.3 MPa0.7 MPa Chi 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 60068-2-27 Corrosion resistance class (CRC) 1 - Low corrosion stress	Actuation type	Electrical
Pneumatic working port QS-3 Operating voltage 24V DC Operating pressure -0.9 MPa0.7 MPa -0.9 bar7 bar -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 Mounting position Any Manual override Detenting Non-detenting Non-detenting Ype of control Pilot-controlled Pilot air supply port External Flow direction Non-reversible Lap Overlap Signal status display LED Pilot pressure MPa 0.3 MPa0.7 MPa Pilot pressure fine 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	Valve size	10 mm
Operating voltage 24V DC Operating pressure -0.09 MPa0.7 MPa -0.9 bar7 bar -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 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 0.3 MPa0.7 MPa Pilot pressure flow 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 no 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 60068-2-7 Shock resistance Shock test with severity level 2 as per FN 942017-5 and EN 6	Standard nominal flow rate	170 l/min
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 Pilot control Pilot-controlled Pilot air supply port External Flow direction Non-reversible Lap Overlap Signal status display LED Pilot pressure MPa 0.3 MPa0.7 MPa Pilot pressure 3 bar7 bar Changeover time 8 ms Coll characteristics 24 V DC: 1.0 W Operating medium Operating neglication tessible (required for further use) Vibration resistance Shock 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 60068-2-27 Corrosion resistance classs (CRC) </td <td>Pneumatic working port</td> <td>QS-3</td>	Pneumatic working port	QS-3
-0.9 bar7 barStructural designPiston gate valveDegree of protectionIP40Exhaust air functionWithout flow control optionSealing principleSoftMounting positionAnyManual overrideDetenting Non-detentingType of controlPilot-controlledPilot air supply portExternalFlow directionNon-reversibleLapOverlapSignal status displayLEDPilot pressure MPa0.3 MPa0.7 MPaPilot pressure MPa3 bar7 barColl characteristics24 V DC: 1.0 WOperating mediumCompressed air as per ISO 8573-1:2010[7:4:4]Information on operating and pilot mediaOperation with oil lubrication possible (required for further use)Vibraction resistanceShock test with severity level 2 as per FN 942017-5 and EN 60068-2-27Corrosion resistance class (CRC)1 - Low corrosion stressLABS (PWIS) conformityVDMA24364-B2-L	Operating voltage	24V DC
Degree of protectionIP40Exhaust air functionWithout flow control optionSealing principleSoftMounting positionAnyManual overrideDetenting Non-detentingType of controlPilot-controlledPilot air supply portExternalFlow directionNon-reversibleLapOverlapSignal status displayLEDPilot pressure MPa0.3 MPa0.7 MPaPilot pressure3 bar7 barChangeover time8 msCoil characteristics24 V DC: 1.0 WOperating mediumOperation with oil lubrication possible (required for further use)Vibration resistanceShock test with severity level 2 as per FN 942017-4 and EN 60068-2-6Shock resistanceShock test with severity level 2 as per FN 942017-5 and EN 60068-2-27Corrosion resistance class (CRC)1 - Low corrosion stressLABS (PWIS) conformityVDMA24364-B2-L	Operating pressure	
Exhaust air functionWithout flow control optionSealing principleSoftMounting positionAnyManual overrideDetenting Non-detentingType of controlPilot-controlledPilot air supply portExternalFlow directionNon-reversibleLapOverlapSignal status displayLEDPilot pressure MPa0.3 MPa0.7 MPaPilot pressure MPa3 bar7 barChangeover time8 msCoil characteristics24 V DC: 1.0 WOperating mediumOperation with oil lubrication possible (required for further use)Vibration resistanceShock test with severity level 2 as per FN 942017-4 and EN 60068-2-6Shock resistanceShock test with severity level 2 as per FN 942017-4 and EN 60068-2-6LABS (PWIS) conformityVDMA24364-B2-L	Structural design	Piston gate valve
Sealing principleSoftMounting positionAnyManual overrideDetenting Non-detentingType of controlPilot-controlledPilot air supply portExternalFlow directionNon-reversibleLapOverlapSignal status displayLEDPilot pressure MPa0.3 MPa0.7 MPaPilot pressure3 bar7 barChangeover time8 msColl characteristics24 V DC: 1.0 WOperating mediumCompressed air as per ISO 8573-1:2010 [7:4:4]Information on operating and pilot mediaOperation with oil lubrication possible (required for further use)Vibration resistanceShock tesis with severity level 2 as per FN 942017-4 and EN 60068-2-6Shock resistanceShock test with severity level 2 as per FN 942017-5 and EN 60068-2-27Corrosion resistance class (CRC)1 - Low corrosion stressLABS (PWIS) conformityVDMA24364-B2-L	Degree of protection	IP40
Non-ting positionAnyManual overrideDetenting Non-detentingType of controlPilot-controlledPilot air supply portExternalFlow directionNon-reversibleLapOverlapSignal status displayLEDPilot pressure MPa0.3 MPa0.7 MPaPilot pressure3 bar7 barChangeover time8 msCoil characteristics24 V DC: 1.0 WOperating mediumCompressed air as per ISO 8573-1:2010 [7:4:4]Information on operating and pilot mediaOperation with oil lubrication possible (required for further use)Vibration resistanceShock test with severity level 2 as per FN 942017-4 and EN 60068-2-6Shock resistanceShock test with severity level 2 as per FN 942017-5 and EN 60068-2-27Corrosion resistance class (CRC)1 - Low corrosion stressLABS (PWIS) conformityVDMA24364-B2-L	Exhaust air function	Without flow control option
Manual overrideDetenting Non-detentingType of controlPilot-controlledPilot air supply portExternalFlow directionNon-reversibleLapOverlapSignal status displayLEDPilot pressure MPa0.3 MPa0.7 MPaPilot pressure MPa3 bar7 barChangeover time8 msCoil characteristics24 V DC: 1.0 WOperating mediumOperation with oil lubrication possible (required for further use)Vibration resistanceShock resistanceShock resistanceShock test with severity level 2 as per FN 942017-5 and EN 60068-2-27Corrosion resistance class (CRC)1 - Low corrosion stressLABS (PWIS) conformityVDMA24364-B2-L	Sealing principle	Soft
Non-detentingType of controlPilot-controlledPilot air supply portExternalFlow directionNon-reversibleLapOverlapSignal status displayLEDPilot pressure MPa0.3 MPa0.7 MPaPilot pressure MPa3 bar7 barChangeover time8 msCoil characteristics24 V DC: 1.0 WOperating mediumOperation with oil lubrication possible (required for further use)Vibration resistanceShock test with severity level 2 as per FN 942017-4 and EN 60068-2-6Shock resistanceShock test with severity level 2 as per FN 942017-5 and EN 60068-2-27Corrosion resistance class (CRC)1 - Low corrosion stressLABS (PWIS) conformityVDMA24364-B2-L	Mounting position	Any
Pilot air supply portExternalFlow directionNon-reversibleLapOverlapSignal status displayLEDPilot pressure MPa0.3 MPa0.7 MPaPilot pressure3 bar7 barChangeover time8 msCoil characteristics24 V DC: 1.0 WOperating mediumCompressed air as per ISO 8573-1:2010 [7:4:4]Information on operating and pilot mediaOperation with oil lubrication possible (required for further use)Vibration resistanceShock test with severity level 2 as per FN 942017-5 and EN 60068-2-27Corrosion resistance class (CRC)1 - Low corrosion stressLABS (PWIS) conformityVDMA24364-B2-L	Manual override	
Flow directionNon-reversibleLapOverlapSignal status displayLEDPilot pressure MPa0.3 MPa0.7 MPaPilot pressure3 bar7 barChangeover time8 msCoil characteristics24 V DC: 1.0 WOperating mediumCompressed air as per ISO 8573-1:2010 [7:4:4]Information on operating and pilot mediaOperation with oil lubrication possible (required for further use)Vibration resistanceShock resistanceShock resistance class (CRC)1 - Low corrosion stressLABS (PWIS) conformityVDMA24364-B2-L	Type of control	Pilot-controlled
LapOverlapSignal status displayLEDPilot pressure MPa0.3 MPa0.7 MPaPilot pressure3 bar7 barChangeover time8 msCoil characteristics24 V DC: 1.0 WOperating mediumCompressed air as per ISO 8573-1:2010 [7:4:4]Information on operating and pilot mediaOperation with oil lubrication possible (required for further use)Vibration resistanceTransport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6Shock resistance class (CRC)1 - Low corrosion stressLABS (PWIS) conformityVDMA24364-B2-L	Pilot air supply port	External
Signal status displayLEDPilot pressure MPa0.3 MPa0.7 MPaPilot pressure3 bar7 barChangeover time8 msCoil characteristics24 V DC: 1.0 WOperating mediumCompressed air as per ISO 8573-1:2010 [7:4:4]Information on operating and pilot mediaOperation with oil lubrication possible (required for further use)Vibration resistanceTransport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6Shock resistance class (CRC)1 - Low corrosion stressLABS (PWIS) conformityVDMA24364-B2-L	Flow direction	Non-reversible
Pilot pressure MPa0.3 MPa0.7 MPaPilot pressure3 bar7 barChangeover time8 msCoil characteristics24 V DC: 1.0 WOperating mediumCompressed air as per ISO 8573-1:2010 [7:4:4]Information on operating and pilot mediaOperation with oil lubrication possible (required for further use)Vibration resistanceTransport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6Shock resistance class (CRC)1 - Low corrosion stressLABS (PWIS) conformityVDMA24364-B2-L	Lap	Overlap
Pilot pressure3 bar7 barChangeover time8 msCoil characteristics24 V DC: 1.0 WOperating mediumCompressed air as per ISO 8573-1:2010 [7:4:4]Information on operating and pilot mediaOperation with oil lubrication possible (required for further use)Vibration resistanceTransport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6Shock resistanceShock test with severity level 2 as per FN 942017-5 and EN 60068-2-27Corrosion resistance class (CRC)1 - Low corrosion stressLABS (PWIS) conformityVDMA24364-B2-L	Signal status display	LED
Changeover time8 msCoil characteristics24 V DC: 1.0 WOperating mediumCompressed air as per ISO 8573-1:2010 [7:4:4]Information on operating and pilot mediaOperation with oil lubrication possible (required for further use)Vibration resistanceTransport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6Shock resistanceShock test with severity level 2 as per FN 942017-5 and EN 60068-2-27Corrosion resistance class (CRC)1 - Low corrosion stressLABS (PWIS) conformityVDMA24364-B2-L	Pilot pressure MPa	0.3 MPa0.7 MPa
Coil characteristics24 V DC: 1.0 WOperating mediumCompressed air as per ISO 8573-1:2010 [7:4:4]Information on operating and pilot mediaOperation with oil lubrication possible (required for further use)Vibration resistanceTransport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6Shock resistanceShock test with severity level 2 as per FN 942017-5 and EN 60068-2-27Corrosion resistance class (CRC)1 - Low corrosion stressLABS (PWIS) conformityVDMA24364-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 60068-2-27 Corrosion resistance class (CRC) 1 - Low corrosion stress LABS (PWIS) conformity VDMA24364-B2-L	Changeover time	8 ms
Information on operating and pilot mediaOperation with oil lubrication possible (required for further use)Vibration resistanceTransport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6Shock resistanceShock test with severity level 2 as per FN 942017-5 and EN 60068-2-27Corrosion resistance class (CRC)1 - Low corrosion stressLABS (PWIS) conformityVDMA24364-B2-L	Coil characteristics	24 V DC: 1.0 W
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 60068-2-27 Corrosion resistance class (CRC) 1 - Low corrosion stress LABS (PWIS) conformity VDMA24364-B2-L	Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
EN 60068-2-6 Shock resistance Shock resistance class (CRC) 1 - Low corrosion stress LABS (PWIS) conformity	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	
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

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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	QS-3
Pneumatic port 3/5 combined	Common port
Pneumatic connection 4	QS-3
Note on materials	RoHS-compliant
Seals material	NBR
Housing material	Die-cast aluminum