

Valve terminal CPV-SC with new end plates

Axial exhaust for maximum flow

FESTO



Smart & powerful

Compact format, optimised flow rate, neat design

This was always the maxim for the valve terminal CPV-SC, now available with even more performance, particularly with a large number of valves – thanks to an end plate with an axial exhaust. This provides ample flow of up to 170 l/min. This great little valve terminal, with a cross-section of only 40 x 40 mm and a valve width of 10 mm, fits right into applications where other valve terminals would need to be installed further away.

New! Designed for higher exhaust flow

Extremely compact but powerful: The end plate with axial exhaust allows a higher exhaust flow rate, even with terminals equipped with 16 valves.

New! G1/4 threaded connection

The new G1/4 threaded connection for exhaust via a silencer, ducted exhaust air or a vacuum connection. With up to 16 x 3/2-way valves on one valve terminal, it is possible to create an effective and inexpensive vacuum solution.

New! Efficient evacuation

For multi-point gripper systems with ejector pulse for pick & place applications: If vacuum is connected to the G1/4 port and a compressed-air supply to port 1, 3/2-way valves can be used to switch backwards and forwards between the two.



Mini size,

with high flow rates

and high exhaust capacity.

226.4.PSI →

Product Short Information

Valve terminal CPV-SC with new end plates

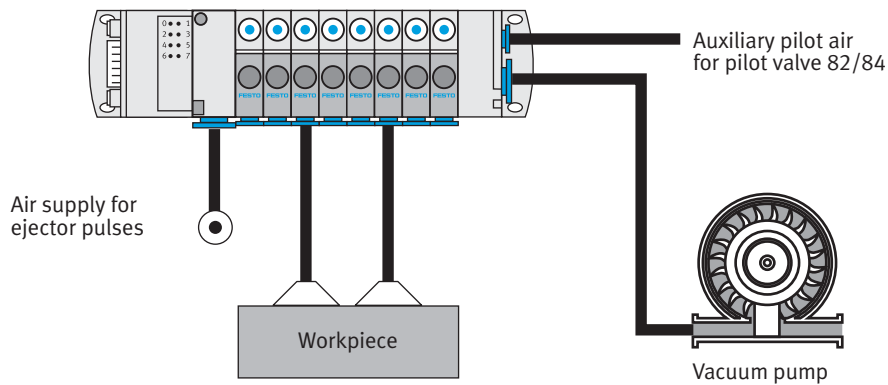
Axial exhaust for maximum flow

Example:

Electronics chip handling

(CPV-SC in conjunction with a vacuum pump)

Valve terminal CPV-SC



End plate with QS fitting G1/4 for ducted exhaust air or vacuum



CPV-SC with multi-pin connector and end plate with ducted exhaust air



End plate with silencer



CPV-SC with multi-pin connector and end plate with silencer

Technical data	
Valve functions	5/2-way monostable, 5/2-way bistable, 3/2-way normally closed or normally open, 2/2-way normally closed
Valve width	10 mm
Size	Height 40 mm, width 40 mm, length depends on valves fitted
Pressure range	-0.9 ... 7 bar
Flow rate	Up to approx. 170 l/min.
No. of valve positions	4, 8, 12 and 16
Operating voltage	24 V DC $\pm 10\%$
Electrical connection	<ul style="list-style-type: none"> Multi-pin connector Fieldbus node (DeviceNet) CP string extension
Supply port	M7, QS-6
Working port	M5, QS-3, QS-4
Exhaust port	<ul style="list-style-type: none"> M7, QS-6 or integrated flat silencer New end plate with G1/4 connection
Ambient temperature	-5 ... +40 C
System configuration	<ul style="list-style-type: none"> Up to 16 valve coils on 16 valve positions Can be expanded via CP interface using modules from CP installation system
Degree of protection	IP40

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